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**APPLICATION OF THE IEM-2M SURFACE WATER MODEL TO
AIRBORNE MERCURY DEPOSITED FROM HAZARDOUS WASTE COMBUSTORS**

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Purpose of Effort

The purpose of this effort is to apply the IEM-2M mercury watershed/water body model to water bodies selected for the HWC analysis. This effort was initiated as a model comparison study between IEM-2M and an extension of the IEM-2 model that had been used for the HWC analysis. This extension will be referred to as the Hazardous Waste Combustor (HWC)-adapted IEM2. IEM-2M addresses several critical mercury processes in a more detailed manner than IEM-2. Because IEM-2M better represents the physical and chemical processes involved, and it gave results that were significantly different from the previous model, it was decided that the IEM-2M model would be used to evaluate the impact of emissions controls on the selected water bodies.

Summary of IEM-2M Watershed Model

The IEM-2M mercury watershed/water body model is an extension of the IEM-2 model, which itself is an extension of the Indirect Exposure Methodology (IEM) developed by USEPA (USEPA 1993). The IEM-2M model was used in both the 1997 Mercury Study Report to Congress (MRTC 1997) and the Utility Report to Congress (URTC 1998) to simulate the fate of mercury deposited onto a watershed/water body system.

The IEM-2M model is composed of two integrated modules that simulate mercury fate using mass balance equations describing watershed soils and a shallow lake. The mass balances are performed for each mercury component, with internal transformation rates linking Hg^0 , HgII , and MHg . Sources include wetfall and dryfall loadings of each component to watershed soils and to the water body. An additional source is diffusion of atmospheric Hg^0 vapor to watershed soils and the water body. Sinks include leaching of each component from watershed soils, burial of each component from lake sediments, volatilization of Hg^0 and MHg from the soil and water column, and advection of each component out of the lake. At the core of IEM-2M are 9 differential equations describing the mass balance of each mercury component in the surficial soil layer, in the water column, and in the surficial benthic sediments. The equations are solved for a specified interval of time, and predicted concentrations are output at fixed intervals. For each calculational time step, IEM-2M first performs a terrestrial mass balance to obtain mercury concentrations in watershed soils. IEM-2M next performs an aquatic mass balance driven by direct atmospheric deposition along with runoff and erosion loads from watershed soils. MHg concentrations in fish are derived from dissolved MHg water concentrations using bioaccumulation factors (BAF).

IEM-2 was developed to handle individual chemicals, or chemicals linked by kinetic transformation reactions. IEM-2M is expanded to include specific kinetic transformation rates affecting mercury components in soil, water, and sediments -- oxidation, reduction, methylation, and demethylation. These transformation rates are driven by specified rate constants. Volatilization kinetics are included as a transfer reaction driven by specified chemical properties and environmental conditions.

While IEM-2M tracks the buildup of soil and water concentrations over the years given a steady depositional load and long-term average hydrological behavior, it does not respond to unsteady loading or meteorological events. There are, thus, limitations on the analysis and interpretations imposed by these simplifications. The model's calculations of average water body concentrations are less reliable for unsteady environments, such as streams, than for more steady environments, such as lakes (Section 4.4.1 of MRTC).

Summary of Differences between IEM-2M and IEM-2

As mentioned above, use of the IEM-2M model for the current HWC project was decided upon because of model comparison efforts that were conducted after the preliminary HWC results had been obtained using a model patterned after IEM-2, a simpler version of the IEM-2M model. In this section, a short summary of the differences between these models is provided. The table below summarizes the main differences between the IEM-2 model and IEM-2M.

Table 1. Summary of Primary Differences in Methodology between the IEM-2 and IEM-2M Models		
Process/Assumption	IEM-2*	IEM-2M**
Mercury speciation in soil, water, and sediment	Speciation is assumed to be fixed, and is input to the model	Calculated based on transformation rates between the three mercury species
Watershed-Water body interaction	Loads from watershed determined based on the calculated values at the end of the facility's lifetime	Watershed and water body linked throughout facility lifetime
Water body dynamics	Water body is assumed to be at steady-state	Steady-state not assumed
Fish Concentration	Calculated based on a bioaccumulation factor for dissolved total mercury in the water column	Calculated based on a bioaccumulation factor for dissolved methylmercury concentration
* This model was used for the 1996 Draft of the Mercury Report to Congress ** This model was used for the 1997 Mercury Report to Congress		

In August-September 1998 a model comparison effort was performed between the HWC-adapted IEM2 and IEM-2M models. The HWC-adapted IEM2 model is an extension of IEM2 modified to address soil volatilization, speciation, and volatilization slightly differently (see Section 5.3 of the main report for details). As pertains to the current analysis, the most relevant conclusions from these efforts are:

- Despite differences in how speciation and volatilization are addressed in the watershed, the total mercury soil concentrations predicted by the two models were virtually identical (average ratio ~ 0.98)
- The trophic 4 fish MHg concentrations predicted by IEM-2M were on average less than 40% of the values obtained using IEM-2.
- The differences between the predicted methylmercury concentrations were greater than that for the fish concentrations, with IEM-2M predicting significantly lower concentrations.
- The differences between the models was generally exacerbated, with IEM-2M having the lower values, for water bodies with long residence times and reduced sediment deposition/resuspension processes. This is because there will be more disparity between the steady-state solution used by IEM-2 and the non-steady-state solution used in IEM-2M.

Sources of Data for Modeling

There were three main groups of data used for the application of the IEM-2M model. The first consisted of modeled mercury deposition rates and air concentrations for each water body and facility, which were provided by RTI. The second consisted of waterbody characteristics; also provided by RTI. These data were collected as part of an earlier effort in which the IEM model was applied. The third group was from the MRTC, from which values for parameters not required in the earlier analysis were obtained.

Modifications to IEM-2M Methodology, as applied in the 1997 Mercury Study Report to Congress

Modifications for Rivers/Flowing Waterbodies

Several modifications to IEM-2M were necessary in order to evaluate the impacts of mercury sources on rivers. These were necessary because they were not required when IEM-2M was initially derived from IEM-2, as only shallow lakes were considered in the 1997 MRTC. These additions/modifications are described below.

Volatilization from Rivers/Flowing Waterbodies

In IEM (1993), volatilization from waterbodies is addressed in the same general manner for both lakes and flowing waterbodies, as a first order volatilization loss constant (units of /yr) is calculated (O'Conner 1983). However, there are differences in the calculation of this term for flowing waterbodies, where the O'Conner and Dobbins (1958) formula is used for the liquid film transfer coefficient, and the gas phase transfer coefficient is assumed constant at 36500 m/yr (IEM 1993). Implementation of these methods was not necessary for the MRTC, as only lakes were considered. For the current analysis, the methods used in IEM(1993) for estimating volatilization from flowing waterbodies were implemented in IEM-2M.

Mercury Transformation in Rivers/Flowing Waterbodies

Due to the more aerobic conditions expected in flowing water bodies, which would tend to result in lower methylation rates, the methylation rate for flowing water bodies, in both the water column and benthic sediments, was assumed to be 10% of the value used for lakes in the MRTC.

Modeling of Suspended Solids in Water bodies

The site-specific nature of the analysis prompted the collection of total suspended solids (TSS) data for the hydrologic region of each water body, with the purpose of addressing the variability inherent in the sediment dynamics of the individual water bodies. This effort utilized the STORET database (<http://www.epa.gov/OWOW/STORET>), and is described in RTI(1998).

The hydrologic regions generally included more than one of the water bodies considered, and it was not deemed appropriate to use the TSS values themselves as input in this analysis. Instead, these values

were used in conjunction with an input settling velocity v_s to estimate a resuspension velocity. The resuspension velocity is calculated based on the assumption that the volumetric resuspension is equal to the volumetric deposition of solids implied by the TSS data. In particular, an abiotic solids settling velocity of 730 m/yr (the same value as used in the MRTC) was assumed for all water bodies, and the abiotic solids resuspension velocity v_{rs} was calculated for each water body as

$$v_{rs} = v_s \frac{TSS_{data}}{S_b}$$

where

- v_{rs} = abiotic solids resuspension velocity, m/yr
- v_s = abiotic solids settling velocity, m/yr, assumed to be 730 m/yr (same value as in MRTC)
- TSS_{data} = median solids concentration for hydrologic region, g/m³
- S_b = benthic solids concentration, g/m³, assumed to be 75000 g/m³ (same value as in MRTC)

Subsequent calculation of the abiotic solids concentration S_w used the same method as used in the MRTC; namely, that S_w is given by

$$S_w = \frac{F_{soil} + v_{rs}A_wS_b}{Vf_x + v_sA_w}$$

where

- S_w = abiotic solids concentration in water body, g/m³
- F_{soil} = loading of soil from the watershed to the water body, g/yr
- v_{rs} = abiotic solids resuspension velocity, m/yr
- A_w = water body area, m²
- Vf_x = dilution flow through water body, m³/yr
- v_s = abiotic solids settling velocity, m/yr, assumed to be 730 m/yr (same value as in MRTC)
- S_b = benthic solids concentration, g/m³, assumed to be 75000 g/m³ (same value as in MRTC)

Calculation of Burial Rate in Benthic Sediment

The same general formula as used in the MRTC is used to calculate the benthic burial rate; namely,

$$v_b = \frac{v_s \cdot S_w + v_{sbio} \cdot S_{Bio} - (v_{rs} + v_{min}) \cdot S_b}{S_b}$$

where

- v_b = benthic burial velocity (m/yr)
- v_s = settling velocity for abiotic solids (m/yr)
- v_{sbio} = settling velocity for biotic solids (m/yr)

v_{rs}	=	resuspension velocity of abiotic solids (m/yr)
v_{min}	=	mineralization rate for upper benthic solids (m/year)
S_w	=	abiotic solids concentration in the water column, g/cm ³
S_{Bio}	=	biotic solids concentration in the water column, g/cm ³ (note that TSS= $S_w + S_{Bio}$)
S_b	=	concentration of solids in the benthic sediment, g/cm ³

In some cases it occurs that the calculated v_b is negative. In these cases, the burial velocity is set to zero (this was not required in the MRTC). At first glance, this may appear to violate mass balance. It also ignores situations where contaminated sediments are actually being mobilized and therefore contributing to both the solids and mercury loadings to the water body. The practical effect of resetting v_b to zero in this way is equivalent to assuming only clean sediment is being mobilized. This was deemed appropriate for the purpose of the current study, in which incremental impacts from a source that is assumed to operate for only 30 years were being evaluated. It is unlikely that the facility being modeled would be the source of any mercury contained in the deeper sediments, and it was considered unrealistic to allow the sediments to be mobilized continuously over the 30 year modeling period.

Treatment of Background Environmental Mercury

In the MRTC, estimates of background values of mercury concentrations and deposition rates were made and included in the analysis. However, in the current analysis, no background mercury concentrations or deposition rates are assumed. This approach is motivated by the comparative nature of the analyses. Further, the system of differential equations utilized in IEM-2M is such that the incremental impact of a facility is independent of whatever background values are assumed, as long as the background values are constant in time.

Input Parameters

A complete list of the parameter values assumed for each water body is provided in Appendix A. In this section, we only discuss the input parameters that are in addition to the input parameters used by the previous IEM model. These parameters consist of terms used in estimating water body sediment dynamics, and general chemical transformation between the different Hg species considered. A summary of the values assumed is shown in the two tables below. The subsequent discussions are taken from Appendix B of Volume III of the MRTC, with minor modifications to reflect the aspects specific to the current study.

Parameter	Value	Reference/Comment
Abiotic solids deposition velocity, m/yr	730	MRTC
Biotic solids deposition velocity, m/yr	73	MRTC
Biotic solids production rate, g/yr	1000	Value for mesotrophic water bodies (value used in MRTC was 100, based on oligotrophic water body)
Biotic Solids Partition Coefficients (L/kg)		

Table 2. Input Parameters That are In Addition to Those Provided by RTI

Parameter	Value	Reference/Comment
Hg ⁰	1000	MRTC
Hg(II)	200,000	MRTC
MHg	500,000	MRTC
Biotic Mortality rate, /day	0.03	MRTC
Pore water diffusion coefficient (m ² /yr)	0.1575	MRTC
Abiotic solids mineralization rate, m/yr	0.001	MRTC
Sediment concentration (g/cm ³)	75,000	MRTC
Trophic Level 3 Fish Bioaccumulation factor*, L/kg	1,600,000	MRTC
Trophic Level 4 Fish Bioaccumulation factor*, L/kg	6,800,00	MRTC

*This factor is multiplied by the calculated dissolved methylmercury concentration in the water column to estimate the methylmercury concentration in fish.

Chemical transformation rate constants must be specified or calculated for the soil, water column, and benthic sediment equations -- oxidation of Hg⁰; reduction of HgII, methylation of HgII, demethylation of MHg to HgII, and mer cleavage demethylation of MHg to Hg⁰. The values assumed (in day⁻¹) are summarized in the table below.

Table 3. Mercury Transformation Rate Constants (Unless otherwise noted, values are from MRTC).

Rate Constants, day ⁻¹	Watershed Soil	Water Column		Benthic Sediments	
		Rivers/Creeks	Lakes	Rivers/Creeks	Lakes
oxidation	0	0	0	0	0
reduction	0.000055*	0.0075	0.0075	0.000001	0.000001
methylation	0.00005	0.0001**	0.001	0.00001**	0.0001
demethylation to HgII	0.0025	0.015	0.015	0.002	0.002
mer demethylation to Hg ⁰	0	0	0	0	0

* Calculated using the method described in the Appendix B of MRTC, based on a reference reduction rate of 0.0005 L/L_w-day in the surficial soil depth of 2 cm, and a water content of 0.22 L_w/L

** Set to 10% of value used for lakes.

Abiotic Solids Deposition Velocity

The settling velocity for abiotic solids, v_s , is set to 730 m/year (2 m/day).

Technical Basis:

Stoke's equation can be used to calculate the terminal velocity of a particle settling through the water column:

$$V_s = \frac{g}{18\mu} (\rho_p - \rho_w) d_p^2 \cdot 3.15 \cdot 10^7 \cdot 10^{-4}$$

where V_s is Stoke's velocity, m/year, for particles with diameter d_p , mm, and density ρ_p , g/cm³; g is the acceleration of gravity, 980 cm/sec²; μ is the absolute viscosity of water, 0.01 poise (g/cm-sec) at 20°C; and ρ_w is the density of water, 1.0 g/cm³.

Values of V_s for particle density of 2.7 and diameters representative of clay, very fine silt, fine silt, and medium silt are 120, 730, and 2900 m/year, respectively. Settling velocities should be set at or below Stoke's velocity corresponding to the suspended particle size, keeping in mind that pollutants tend to sorb more to the smaller silts and clays than to large silt particles. The value chosen here is the calculated Stoke's velocity for fine silt ($d_p = 0.005$ mm), and represents settling velocities for medium silts.

Biotic Solids Deposition Velocity

The settling velocity of biotic solids, v_{sB} , is set to a default value of 73 m/year (0.2 m/day).

Technical Basis:

The settling of phytoplankton solids depends on several factors, including the density, size, shape, and physiology of the cells and the turbulence of the flow (Bowie, et al., 1985). Phytoplankton settling is a calibration parameter in most models. Most values cited in Bowie et al. (1985) fall between 0.02 and 2 m/day. A value of 0.2 m/day (73 m/year) is used here.

Biotic Solids Production Rate

The internal production of biotic solids, L_{Bio} , in g/m²-year, is set to a value of 1000.

Technical Basis:

The production of phytoplankton carbon, in mg-C/m²-day, has been linked to trophic status as follows (Wetzel, 1983):

- ultra-oligotrophic: < 50
- oligotrophic: 50 - 300
- mesotrophic: 25 - 1000
- eutrophic: >1000

The phytoplankton production is multiplied by 2.7 to get mg-solids/m²-day (Mills, et al., 1985, p. 62) and by 0.365 to g-solids/m²-year (since the product of 2.7 and 0.365 is 0.99, the phytoplankton production in mg-C/m²-day is numeric solids production in g-solids/m²-year). A value at the upper end of the range for mesotrophic water bodies was chosen.

Suspended Biotic Solids-Water Partition Coefficient

Because of higher organic matter content, partitioning to biotic solids should be similar to, but slightly higher than partitioning to abiotic solids. Given the low ratio of biotic to total solids, the effective partition coefficients of HgII to biotic solids should be about a factor of 1.5 - 2 higher than the partition coefficients to abiotic solids. Likewise, the partitioning of suspended solids is about 2.5 times higher than partitioning to abiotic solids, giving an effective partition coefficient to biotic solids about 5 to 8 times higher than the partition coefficient to abiotic solids.

Phytoplankton Mortality

The phytoplankton mortality rate constant k_{mort} is set to a value of 11 yr⁻¹.

Technical Basis:

In calculating biotic solids, the net primary productivity incorporates phytoplankton growth and respiration. Grazing transfers phytoplankton solids to zooplankton solids, both of which are considered biotic solids. Settling removes phytoplankton solids from the water column, and is accounted for with a specific settling velocity. Nonpredatory mortality accounts for phytoplankton loss processes that are not accounted for in the grazing, respiration, and settling loss. This loss term includes processes such as senescence, bacterial decomposition of cells, and stress-induced mortality, and is generally modeled using a first-order rate constant (Bowie, et al., 1985). Values for rate constants cited in Bowie, et al, 1985 range from 0.003 to 0.17 day⁻¹. A rate constant of 0.03 day⁻¹ (11 yr⁻¹) was chosen here as a representative mid-range value.

Sediment Concentration (Surficial Sediment Dry Density)

The upper benthic sediment concentration, S_b , in mg/L, is set to a value of 75,000.

Technical Basis:

Benthic sediment concentration is equivalent to dry density (ρ_D , in g-sediment/cm³), which can be calculated from the particle density (ρ_p , in g-sediment/cm³-sediment) and sediment porosity (n , in cm³-water/cm³):

$$\rho_D = \rho_p (1 - n)$$

Sediment porosity can be calculated from bulk density (ρ_B , in g-sediment+water/cm³), along with particle density and the density of water (ρ_w , in g-water/cm³-water):

$$n = \frac{\rho_p - \rho_B}{\rho_p - \rho_w}$$

Dry density, then, can be related to bulk density, particle density, and water density:

$$\rho_D = \frac{\rho_p (\rho_B - \rho_w)}{\rho_p - \rho_w}$$

Typical particle densities in sediments range between 2.6 and 2.7 g/cm³. At 20°C, water density is close to 1.0 g/cm³. For these properties, a bulk density value of 1.6 g/cm³ corresponds to a dry density of 1.0 g/cm³ and a porosity of 0.65, which represents consolidated benthic sediment. An analysis of 1680 measured bulk densities in marine sediments exhibited a range from 1.25 to 1.8 g/cm³ and an average particle density of 2.7 (Richards et al., 1974). Some water bodies contain an upper unconsolidated layer of sediment with bulk densities of 1.1 to 1.3, which correspond to porosities of 0.94 to 0.82 and dry densities of 0.16 to 0.48 g/cm³. In this study, we represent pollutant storage in the unconsolidated upper bed layer where the porosity is 0.95 and the particle density is 1.5 g/cm³, which would represent a significant percentage of biotic solids. The corresponding bulk density of this layer is 1.025 g/cm³, and the dry density is 0.075 g/cm³.

Chemical Transformation Rate Constants

Fifteen transformation rate constants must be specified or calculated for the soil, water column, and benthic sediment equations -- oxidation of Hg⁰ (ks_o, kw_o, kb_o); reduction of HgII (ks_r, kw_r, kb_r); methylation of HgII (ks_m, kw_m, kb_m); demethylation of MHg to HgII (ks_{dm}, kw_{dm}, kb_{dm}); and *mer* cleavage demethylation of MHg to Hg⁰ (ks_{md}, kw_{md}, kb_{md}).

Reduction in Water Column

The reduction rate constant in the water column, kw_r, was set to 0.0075 day⁻¹.

Technical Basis:

Recent literature has addressed reduction of divalent mercury in the water column due to the presence of sunlight, heterotrophic bacteria, and some species of phytoplankton. Reduction of aqueous Hg(II) solutions in the presence of simulated sunlight was observed, with rate constants of 3.5 day⁻¹ and 0.05 day⁻¹ for 20% and 80% of the mercury when normalized to sunlight in Stockholm, Sweden (Xiao, et al., 1995). Mason et al. (1994) calculated reduction rate constants between 0.005 and 0.1 day⁻¹ from mass balances in the equatorial Pacific and in Wisconsin seepage lakes. Mason et al. (1995) give reduction rate constants in the epilimnion of Mystic Lake between 0.02 and 0.04 day⁻¹; this reaction is attributed primarily to heterotrophic bacteria. Rate constants declined to 0.01 day⁻¹ at 9 meters depth, and less than 0.005 day⁻¹ at 17 meters depth. Amyot et al. (1997a) report reduction rate constants of 0.14 day⁻¹ in high Arctic lakes during a 24-hour sunlight period. Under low DOC conditions, these rate constants reached 0.2 to 0.4 day⁻¹, whereas under high DOC conditions, rate constants varied between 0.02 to 0.14 day⁻¹. Amyot et al. (1997b) report rapid DGM production in the epilimnion of temperate lakes, driven mainly by sunlight. The

most likely limiting factor was thought to be the reactive HgII pool itself; the nature of the photoreducible complexes is unknown. Lower DGM production is observed in high DOC lakes due to reduced light penetration and increased complexation of HgII. In Palette Lake, Vandal et al. (1995) report reduction rate constants in July-August 1993 averaging 0.10 day^{-1} in the upper 3 meters and 0.05 day^{-1} at 9 meters. In May 1994, observed reduction rate constants increased to 0.22 day^{-1} in the upper 6 meters. High levels of DGM supersaturation, which indicates significant reduction, exist from mid-May to mid-September.

Maximum surficial reduction rate constants must be adjusted to reflect the attenuation of light with depth in water bodies with significant light attenuation. In addition, cool temperatures and reduced sunlight should lead to significantly lower reduction rates during winter months. A yearly-average water column rate constant of 0.01 day^{-1} was selected for this study.

Reduction in Sediments

The reduction rate constant in sediments, k_b , was set to 10^{-6} day^{-1} .

Less literature is available for reduction in sediments. Amyot et al. (1994) report an increase in DGM concentrations near the bottom of Ranger Lake and speculate that this is caused by aerobic and facultative bacteria reducing HgII in the sediments. Vandal et al. (1995) report porewater Hg^0 concentrations of 65 pg/L , or 10% of the total mercury, indicating the presence of reduction in sediments. A whole-sediment reduction rate constant of 10^{-6} day^{-1} along with the pore water diffusion and solids resuspension rates used in the MRTC produces pore water Hg^0 concentrations of about 50 pg/L given a partition coefficient of 1000 L/kg for Hg^0 . A benthic rate constant of 10^{-6} day^{-1} was selected based on model calibration to general observations of Hg^0 concentration in pore water.

Reduction in Soil

The reduction rate constant in the upper 5 mm soil layer of the watershed, normalized to water content, is set to $0.0005 \text{ L/L}_w\text{-day}$. The reduction rate constant in the upper 5 mm soil layer of the field site, normalized to water content, is set to $0.0013 \text{ L/L}_w\text{-day}$. For water content of 0.1, and depths of 1 and 20 cm, the watershed and field site rate constants are 2.5×10^{-5} and $3.25 \times 10^{-6} \text{ day}^{-1}$, respectively.

Technical Basis:

Assuming that the net flux of Hg^0 is driven by the reduction of HgII, reduction rate constants can be derived from evasion flux measurements over soil:

$$F_r = k_{rs} \cdot C_{2T} \cdot \rho_B \cdot \theta_w \cdot z_r$$

where F_r is the net evasion flux in $\mu\text{g/m}^2\text{-year}$, k_{rs} is the reference reduction rate constant normalized to soil water content, $\text{L/L}_w\text{-yr}$, ρ_B is the soil bulk density in kg/L , θ_w is the soil water content in L_w/L , and z_r is the soil layer thickness over which reduction occurs, in mm. This equation normalizes the reduction rate constant to the soil water in the surficial 5 mm layer, following observations presented in Carpi and Lindberg (1997). To derive the reduction rate constant k_r used in the model, k_{rs} must be multiplied by the soil water content and averaged over the entire soil depth (ie, by multiplying k_{rs} by 0.5 cm and dividing by either 2 or 20 cm for the nontilled and tilled soils, respectively).

From data presented in Lindberg (1996) and Carpi and Lindberg (1997), values for k_{rs} can be

calculated for fields exposed to sunlight and for forests with canopy. These rate constants represent diurnal and seasonal averages. First, the observed fluxes must be modified to represent annual averages. Following the diurnal pattern observed for sludge-amended soils, the summer mid-day fluxes in background field sites were multiplied by 0.25 to obtain a diurnal average. For the shaded forest site, the summer daylight flux is multiplied by 0.6 to obtain a diurnal average. Assuming that winter rates are about half of summer rates, the summer diurnal average fluxes were multiplied by 0.75 to obtain annual average fluxes. Applying these factors, both field sites yield a value of 0.0013 L/L_w-day for k_r, while the forest site yielded a value of 0.0001 L/L_w-day. Presumably the difference in rate constants is due to the significant shading under the forest canopy. Any given watershed should experience average rate constants somewhere between these estimates, depending on the landscape pattern. A value of 0.0005 L/L_w-day is recommended. The field k_r, 0.0013 L/L_w-day, should be used for calculating concentrations in tilled soil. For water content of 0.1 L_w/L and depths of 2 cm and 20 cm for the watershed and field, the soil reduction rate constants are calculated to be 1.25×10⁻⁵ day⁻¹ and 3.3×10⁻⁶ day⁻¹, respectively.

Methylation in Water Column

The water column methylation rate constant, kw_m, was set to 0.001 day⁻¹ for lakes, and 10% of this value for rivers/creeks.

Technical Basis:

Using radiolabelled mercury, maximum potential methylation rates have been measured in a number of water bodies. Gilmour and Henry (1991) report maximum potential methylation rate constants between 0.0001 and 0.003 day⁻¹ in the water column of fresh water bodies. Henry et al. (1995) report net methylation rates in Onondaga Lake, New York between April and November, 1992; a net production of 0.003 ng/L-day at 3 m depth, and 0.03 ng/L-day at 9 m was calculated. Given divalent Hg concentrations averaging about 5 ng/L at these depths (Jacobs, et al., 1995), these production rates would correspond to net methylation rate constants of about 0.0006 day⁻¹ and 0.006 day⁻¹, respectively. For the surficial water layers where photodegradation of methyl mercury is significant, the net methylation rate constant should be adjusted to yield the gross methylation rate constant:

$$kw_m = kw_{m,net} + kw_d \times \frac{C_{MeHg}}{C_{HgII}}$$

Assuming a demethylation rate constant at 3 m depth of about 0.013 day⁻¹ (see discussion below) and a ratio of MHg to HgII of about 10%, the gross methylation rate constant at 3 m should have been about 0.002 day⁻¹. At the seasonally-anoxic 15 m depth, the reported net methylation rate of 0.11 ng/L-day yields rate constants between 0.01 and 0.03 day⁻¹. Matilainen (1995) reports low but detectable non-microbial methylation rate constants of 0.0005 to 0.001 day⁻¹ in the oxic portions of four forest lakes in Finland. Higher rate constants of 0.004 to 0.01 day⁻¹ were observed in deeper, anaerobic layers of the hypolimnion. For Palette Lake, Wisconsin, Watras et al. (1995) report high methylation rates within a layer of bacterioplankton near the top of the anoxic hypolimnion. This 0.5 to 1 meter layer exhibited rate constants of about 0.01 to 0.04 day⁻¹. The methylation rates are linked to sulfate reduction “within anoxic microbial layers, whether in hypolimnetic waters or in sediments underlying oxic water.”

For this study, where the lake were generally shallow (with most having a depth of 4m), and assuming little or no anoxia, the average water column methylation rate constant was set to 0.001 day⁻¹.

For rivers and creeks, 10% of this value was assumed.

Methylation in Sediments

For lakes, the methylation rate constant in the upper sediment layer, $k_{b,m}$, was set to 0.0001 day^{-1} . For rivers/creeks, it was assumed to be 10% of this value for lakes. The lower value is assumed due to the expected more aerobic conditions in flowing water bodies.

Technical Basis:

In freshwater sediments, Gilmour and Henry (1991) report maximum potential methylation rate constants between 10^{-5} and 10^{-1} day^{-1} . In studies of Quabbin Reservoir, MA, Gilmour et al. (1992) found that the highest rates of methylation occur at the sediment surface, and conclude that sulfate-reducing bacteria are important mediators of this reaction. Stordal and Gill (1995) report methylation rate constants above intact sediment cores of 0.0008 to 0.025 day^{-1} , reflecting both net methylation and sediment exchange. Gilmour and Riedel (1995) report methylation rates of 0.29 and $0.09 \mu\text{g}/\text{m}^2\text{-day}$ in the upper 4 cm of Little Rock Lake sediments. Although rate constants were not reported, the sediment concentrations can be combined with an assumed dry density of $1.2 \text{ g}/\text{cm}^3$ to yield rate constants of 8×10^{-5} and $2 \times 10^{-5} \text{ day}^{-1}$.

As a bacterial reaction, sediment methylation should proceed more slowly in the winter months, giving a yearly-average rate about half of the summer rate due to temperature alone. Gilmour and Henry (1991) and Henry et al. (1995) report up to 40 times higher methyl mercury production rates from sediments under anoxic/sulfidic waters than under oxic waters. More oxygenated waters during the winter are expected to result in significantly lowered methylation rates than those observed during the summer months. Here, the yearly-average methylation rate constant in the upper sediment layer was set to 0.0001 day^{-1} on a whole-sediment basis.

Because methylation occurs under anaerobic conditions and rivers and streams are much better aerated than lakes, the methylation rate for rivers and creeks was set to 10% of this value.

Methylation in Soil

The soil methylation rate constant, $k_{s,m}$, was set to $5 \times 10^{-5} \text{ day}^{-1}$.

Technical Basis:

Beckert et al. (1974) provide qualitative evidence showing methylation of mercuric salts in agricultural soils is presumably, to methanogenic bacteria. Abiotic methylation may also occur in soils, either by transmethylation from organometals at contaminated sites or by humic substances in uncontaminated soils (Gilmour and Henry, 1991). Porvari (1995) report a laboratory study of potential methylation and demethylation in flooded soils using radiolabelled mercury. During the 120-day experiment, maximum potential methylation rate constants in humus and peat averaged about $2 \times 10^{-4} \text{ day}^{-1}$ under anaerobic conditions and $2 \times 10^{-4} \text{ day}^{-1}$ under aerobic conditions.

For this study, a soil methylation rate constant of $5 \times 10^{-5} \text{ day}^{-1}$ was chosen. This value is 25% of the potential rate constants measured by Porvari and Verta (1995) and lies at the lower end of the range for sediments reported by Gilmour (1991).

Demethylation in Water Column

The water column demethylation rate constant, $k_{w_{dm}}$, was set to 0.015 day^{-1} .

Technical Basis:

Gilmour and Henry (1991) report maximum potential demethylation rate constants in the water column between 0.025 day^{-1} . From *in-situ* incubations in the Ontario Experimental Lakes area, Sellers et al. (1996) derive rate constants for the photodegradation of methyl mercury that are first-order with respect to light levels and with concentration. From data reported, the rate equation is $k_{dm} = 0.0017 \text{ PAR}$ (photosynthetically-active radiation, in $\text{E}/\text{m}^2\text{-day}$). Zepp (1980) gives a daytime PAR of $95 \text{ E}/\text{m}^2\text{-day}$ for clear skies at 40°N latitude. Kirk, 1994 reports a cloud reduction factor for Europe of 0.5 to 0.8. Assuming an average cloud reduction factor of 0.65, a surface reflectance of 5%, and a light attenuation factor through a 5-meter deep lake, an average demethylation rate constant is calculated to be 0.013 day^{-1} . This rate, of course, is highest in the epilimnion and during the summer months. For this study, the water column demethylation rate constant was set to 0.015 day^{-1} , producing a MHg fraction close to the observed epilimnetic average of 6%.

Demethylation in Sediments

The demethylation rate constant in upper sediments, $k_{b_{dm}}$, was set to 0.002 day^{-1} .

Technical Basis:

In freshwater sediments, maximum potential demethylation rate constants are generally higher than corresponding demethylation rate constants, with observations between 2×10^{-4} and 10^{-1} day^{-1} (Gilmour and Henry (1991)). Gilmour et al. report that demethylation is maximal at the sediment-water interface. While direct measurements of demethylation rates in sediments are lacking in the literature, rate constants in sediments can be calculated from demethylation rate constants and the percent methylated (%MHg). This percentage is generally lower than the water column. Verta and Matilainen (1995) report %MHg between 3% and 6% in the sediments of four lakes in Finland. Consistent with reported observations, the demethylation rate constant in sediments was set to 0.002 day^{-1} , producing a sediment MHg fraction of 3%.

Demethylation in Soil

The soil demethylation rate constant, $k_{s_{dm}}$, was set to 0.0025 day^{-1} .

Technical Basis:

Porvari and Verta (1995) report potential demethylation in flooded soils using radiolabelled mercury. Maximum demethylation rate constants in humus averaged about 0.06 day^{-1} under anaerobic conditions and 0.03 day^{-1} under aerobic conditions.

For this study, a soil demethylation rate constant of 0.0025 day^{-1} was chosen. This value is 10% of the potential demethylation rate constants measured by Porvari and Verta (1995).

Results

The results for each water body are presented in Appendix B.

Uncertainties

In this section a summary is provided of what are considered to be the primary uncertainties. These summaries are qualitative as time and resource constraints prevented additional sensitivity or uncertainty analyses.

Abiotic Solids Dynamics in Water Bodies

The abiotic solids dynamics affects the exchange of mercury between the benthic sediment and the water column impacts the predicted dissolved methylmercury concentration in the water column, which is used to estimate the fish concentration. The main terms used in the modeling of the abiotic solids dynamics are the total suspended solids column (TSS), the settling and resuspension rates to and from the benthic sediment, the burial rate in the sediment, and soil from the watershed.

In this study, water body-specific data were not available for these terms. However, TSS data for the hydrologic region of each water body were utilized in the abiotic solids modeling. These TSS data were used to estimate the resuspension rate and assumed constant settling velocity (of 730 m/yr). The calculated resuspension rate and input settling velocity were the estimated soil loading from the watershed and the water dilution flow through the water body to calculate a water body's solids suspended sediment concentration. One can show that the method used to calculate the abiotic solids suspended sediment concentration is equivalent to

$$S_w = TSS_{data} + \frac{F_{soil} - Vf_x TSS_{data}}{Vf_x + v_s A_w}$$

where

S_w	=	abiotic solids concentration in water body, g/m ³
TSS_{data}	=	median solids concentration for hydrologic region, g/m ³
F_{soil}	=	loading of soil from the watershed to the water body, g/yr
v_{rs}	=	abiotic solids resuspension velocity, m/yr
A_w	=	water body area, m ²
Vf_x	=	dilution flow through water body, m ³ /yr
v_s	=	abiotic solids settling velocity, m/yr, assumed to be 730 m/yr (same value as in MRTC)
S_b	=	benthic solids concentration, g/m ³ , assumed to be 75000 g/m ³ (same value as in MRTC)

In this form, we can see that S_w will be less than TSS_{data} whenever $F_{soil} - Vf_x TSS_{data} < 0$, and vice versa. Further, the choice of settling velocity v_s has no impact on whether or not this occurs. One can also show that the burial rate calculated using the equations above will almost always be negative if $F_{soil} - Vf_x TSS_{data} < 0$ ¹. This condition means that either the soil loading to the water body is too low, or the dilution flow too large, to sustain the median TSS_{data} estimated for the hydrologic region.

In the results generated here, this was seen to occur for 123 water bodies, all of which were rivers or creeks. This is not surprising, given that solids loading from upstream was not considered; i.e., the soil loading for rivers may have been underestimated. As mentioned above, in these cases the burial rate was set to zero when this occurred, which is equivalent to assuming only clean sediment is being mobilized. This was deemed appropriate for the purpose of the current study, in which incremental impacts from a source that is assumed to operate for only 30 years were being evaluated. It is unlikely that the facility being modeled would be the source of any mercury contained in the deeper sediments, and it was considered unrealistic to allow the sediments to be mobilized continuously over the 30 year modeling period.

¹Depending on the value of the mineralization rate, it may happen that $F_{soil} - Vf_x TSS_{data} < 0$, and yet the calculated burial rate is slightly greater than 0. However, this was not seen to occur in the current analysis.

Mercury Transformation Rates

Mercury transformation in the environment is not a well understood aspect of the mercury cycle, and is an area with substantial research needs. For the present analysis, perhaps the greatest uncertainty is their dependence on peculiar characteristics of individual water bodies. Examples of such properties relevant to mercury transformation are: types of bacteria that may accelerate methylation or reduction of divalent mercury (Watras et al. 1995, Mason et al. 1995); dissolved organic carbon, which can reduce the reduction rate of divalent mercury (Amyot et al. 1997b); sulfate concentrations, which can increase methylation in the water column (Watras et al. 1995); and sunlight, which can increase demethylation of methylmercury and reduction of divalent mercury within the water column (Gilmour and Henry 1991). Any such dependencies are not considered in the current analysis, as the same transformation rates were used for all lakes and for all rivers/creeks. This may be over- or under-conservative, depending on how the different transformation rates are affected by the specific properties of the different water bodies.

Application of IEM-2M to Flowing Waterbodies

Two modifications had to be made to IEM-2M for its application to flowing waterbodies. The first involved the volatilization algorithms used in IEM for flowing waterbodies. The second involved modifying the methylation rates in the water column and benthic sediment for rivers. There are uncertainties in the modeling of both of these processes. Methylation of divalent mercury has been observed to be reduced in aerobic conditions. Since flowing water bodies are better aerated than non-flowing waterbodies, it follows that methylation should be lower in flowing waterbodies. How large a magnitude of this difference is uncertain. In this analysis, it was assumed that the methylation rates in flowing water bodies were 10% of the values assumed for lakes, which themselves are uncertain (the values of which were used in the MRTC). The dependence of the methylmercury concentration in fish on the methylation rates in the water body is not trivial, although it is monotonic. This therefore represents a potentially significant uncertainty in the results, with the primary uncertainty being about the precise magnitude of the effect of aeration on the methylation rates, in conjunction with the uncertainties in the methylation rates for lakes in general.

Fish Bioaccumulation factor

The following discussion is from Appendix D of Volume 3 of the MRTC. We note that the median of the distribution derived there was used in the current analysis (and in the water body modeling in the MRTC).

The BAF distributions were designed to estimate an average concentration of methylmercury in fish of a given trophic level from an average concentration of dissolved methylmercury in the epilimnion for a (single) randomly-selected lake in the continental U.S. In the overall mercury fate and exposure model, the input (water concentrations) to this distribution represented an annual average, aggregating variability in methylmercury concentrations in the epilimnion over an entire year and the output (fish concentrations) represented the average methylmercury concentration in the diet of a specific receptor. Available data were inadequate to satisfy these representations fully. In most cases, water methylmercury concentrations incorporated limited or no cross-seasonal variability. Also, fish diets for specific receptors have not been determined. For this analysis a generic receptor was assumed and was approximated by including a large range of fish age or size classes whenever possible. Also, because of the general paucity of appropriate data, many studies on lakes in other countries were included in the analysis; biotic and abiotic processes in these lakes were assumed to be similar to lakes in the continental U.S. These limitations introduced additional uncertainty in the BAF output that was not quantified in this analysis.

Except as is discussed in MRTC, there were no distinctions in the BAF distributions as to size of fish, lake trophic status, lake pH, or relative methylmercury concentrations in the water column. The data, however, are heavily biased towards northern oligotrophic lakes and somewhat towards smaller (younger) fish.

Perhaps the greatest source of variability is that of model uncertainty, that is, uncertainty introduced by failure of the model to account for significant real-world processes. The simple linear BAF model relating methylmercury in fish to total mercury in water masks a number of nonlinear processes leading to the formation of bioavailable methylmercury in the water column. Much of the variability in field data applicable to the estimation of mercury BAFs can be attributed to differences between aquatic systems. As an example, in lake surveys conducted within a relatively restricted geographic region, large differences can exist between lakes with respect to mercury concentrations in a given species of fish (Cope et al., 1990; Grieb et al., 1990; Jackson, 1991; Lange et al., 1993). These observations have led to the suggestion that much of this variability is due to differences in within-lake processes that determine the percentage of total mercury that exists as the methylated form. Limited data also indicate that within a given water body concentrations of methylmercury are likely to vary with depth and season. Unfortunately, while the concentration of methylmercury in fish flesh is presumably a function of these varying concentrations, published BAFs are generally estimated from a small number of measured water values, the representativeness of which is poorly known.

Biotic Solids

In this analysis, the same biotic solids parameters (biotic solids loading rate, phytoplankton mortality, mercury biotic solids partition coefficients) were used for all water bodies, with the value chosen at the upper end of the range for mesotrophic conditions. Not addressing water body-specific information introduces additional uncertainty, as the suspended biotic solids can be a nonnegligible store of mercury, especially methylmercury, in the water column.

References

- Amyot, M., G.Mierle, D.R.S. Lean, and D.J. McQueen (1994). Sunlight-Induced Formation of Dissolved Gaseous Mercury in Lake Waters. *Environmental Science and Technology*, 28(13):2366- 2371.
- Amyot, M., D. Lean, and G. Mierle (1997). Photochemical Formation of Volatile Mercury in High Arctic Lakes. *Environmental Toxicology and Chemistry*, 16(10):2054-2063.
- Amyot, M., G. Mierle, D. Lean, and D.J. McQueen (1997). Effect of Solar Radiation on the Formation of Dissolved Gaseous Mercury in Temperate Lakes. *Geochemica et Cosmochimica Acta*, 61(5):975-987.
- Beckert, W.F., A.A. Moohiissi, F.H.F. Au, E.W. Bretthauer, and J.C. McFarlane (1974). Formation of Methylmercury in a Terrestrial Environment. *Nature*, 249:674-675.
- Bowie, G.L. et al. (1985). Rates, Constants, and Kinetics Formulations in Surface Water Quality Modeling (Second Edition). EPA/600/3-85/040. U.S. EPA, Athens, GA.
- Carpi, A., and S.E. Lindberg (1997). Sunlight-Mediated Emission of Elemental Mercury from Soil Amended with Municipal Sewage Sludge. *Environmental Science and Technology*, 31(7):2085-2091.

Cope, W.G., J.G. Wiener and R.G. Rada (1990). Mercury accumulation in yellow perch in Wisconsin seepage lakes: Relation to lake characteristics. *Environ. Toxicol. Chem.* **9:931-940**.

Gilmour, C.C. and E.A. Henry (1991). Mercury Methylation in Aquatic Systems Affected by Acid Deposition. *Environmental Pollution*, 71:131-169.

Gilmour, C.C, E.A. Henry, and R. Mitchell (1992). Sulfate Stimulation of Mercury Methylation in Freshwater Sediments. *Environmental Science and Technology*, 26(11):2281-2287.

Gilmour, C.C. and G.S. Riedel (1995). Measurement of Hg Methylation in Sediments Using High Specific Activity ²⁰³Hg and Ambient Incubation. *Water, Air, and Soil Pollution*, 80:747-756.

Grieb, T.M., C.T. Driscoll, S.P. Gloss, C.L. Schofield, G.L. Bowie and D.B. Porcella (1990). Factors affecting mercury accumulation in fish in the upper Michigan peninsula. *Environ. Toxicol. Chem.* **9:919-930**.

Henry, E.A., L.J. Dodge-Murphy, G.N. Bigham, S.M. Klein, and C.C. Gilmour (1995a). Total Mercury and Methylmercury Mass Balance in an Alkaline, Hypereutrophic Urban Lake (Onondaga Lake, NY). *Water, Air, and Soil Pollution*, 80:509-518.

Henry, E.A., L.J. Dodge-Murphy, G.N. Bigham, and S.M. Klein (1995b). Modeling the Transport and Fate of Mercury in an Urban Lake (Onondaga Lake, NY). *Water, Air, and Soil Pollution*, 80:489- 498.

Jackson, T.A. (1991). Biological and environmental control of mercury accumulation by fish in lakes and reservoirs of northern Manitoba, Canada. *Can. J. Fish. Aquat. Sci.* **48:2449-2470**.

Jacobs, L.A., S.M. Klein, and E.A. Henry (1995). Mercury Cycling in the Water Column of A Seasonally Anoxic Urban Lake (Onondaga Lake, NY). *Water, Air, and Soil Pollution*, 80:553-562.

Lange, T.R., H.E. Royals and L.L. Connor (1993). Influence of water chemistry on mercury concentration in largemouth bass from Florida lakes. *Trans. Am. Fish. Soc.* **122:74-84**.

Lindberg, S.E., 1996. Forests and the Global Biogeochemical Cycle of Mercury: The Importance of Understanding Air/Vegetation Exchange Processes. W. Baeyens et al. (Eds.), *Global and Regional Mercury Cycles: Sources, Fluxes, and Mass Balances*, 359-380.

Matilainen, T. (1995). Involvement of Bacteria in Methylmercury Formation in Anaerobic Lake Waters. *Water, Air, and Soil Pollution*, **80:757-764.**

Mason, R.P., F.M.M. Morel, and H.F. Hemond (1995). The Role of Microorganisms in Elemental Mercury Formation in Natural Waters. *Water, Air, and Soil Pollution*, 80:775-787.

Mason, R.P., W.F. Fitzgerald, and F.M.M. Morel (1994). The Biogeochemical Cycling of Elemental Mercury: Anthropogenic Influences. *Geochimica et Cosmochimica Acta*, 58(15):3191-3198.

Mills, W.B., D.B. Porcella, M.J. Unga, S.A. Gherini, K.V. Summers, Lingfung Mok, G.L. Rupp and G.L. Bowie (1995). Quality Assessment: A Screening Procedure for Toxic and Conventional Pollutants in Surface and Ground Waters (Revised Edition). *Environmental Science and Technology*, **29:1031-1040.**

EPA-600/6-85-002a and b. Volumes I and II. U.S. Environmental Protection Agency. Athens, GA.

MRTC (1997). USEPA Mercury Study Report to Congress. **EPA-452/R-97-005. United States Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711.**

O'Conner, D.J. and W.E. Dobbins (1958). Mechanism of Reaeration in Natural Streams. *ASCE Transactions*, pp. 641-684. Paper No. 2934.

O'Conner, D.J. (1983). Wind effects on gas-liquid transfer coefficients. *Journal of Environmental Engineering*. 109(9):731:752.

Porvari, P. and M. Verta (1995). Methylmercury Production in Flooded Soils: a Laboratory Study. Water, Air, and Soil Pollution, 80:765-773.

Research Triangle Institute (1998). Human Health and Ecological Risk Assessment Support to the Development of Technical Standards for Emissions from Combustion Units Burning Hazardous Waste Background Document. Report prepared by Research Triangle Institute, Research Triangle Park, NC.

Richards, A.F., T.J. Hirst, and J.M. Parks. (1974). Bulk Density-Water Content Relationship in Marine Silts and Clay Sedimentary Petrology, Vol.44, No.4, p 1004-1009.

Stordal, M.C. and G.A. Gill (1985). Determination of Mercury Methylation Rates Using a 203-Hg Radiotracer Technique. *Water, Air, and Soil Pollution*, 80:529-538.

United States Environmental Protection Agency (1983). Addendum to Methodology for Assessing Health Risks Associated with Indirect Exposure to Combustor Emissions, EPA/600/AP-93/003, November 1993.

URTC (1998). Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units – Final Report EPA 453/R-98-004a. United States Environmental Protection Agency, Office of Air Quality Planning and Standards, Triangle Park, NC 27711.

Vandal, G.M., W.F. Fitzgerald, K.R. Rolfhus, and C.H. Lamborg, (1995). Modeling the Elemental Mercury Cycle in a Lake in Wisconsin, USA. Water, Air, and Soil Pollution, 80:789-798.

Watras, C.J., N.S. Bloom, S.A. Claas, K.A. Morrison, C.C. Gilmour, and S.R. Craig (1995). Methylmercury Production in the Hypolimnion of a Dimictic Seepage Lake. Water, Air, and Soil Pollution, 80:745-745.

Xiao, Z.F., D. Stromberg, and O. Lindqvist (1995). Influence of Humic Substances on Photolysis of Divalent Mercury in Aqueous Solution. Water, Air, and Soil Pollution, 80:789-798.

Appendix A Input Parameters for Each Waterbody

Inputs Used for Base Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr)	Biotic mortality rate (/day)	Hg0 Suspended Biotic solids Kd(L/Kg)
11/6/98 7.43	CINC 209	Lawsons Fork Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.44	CINC 209	Tyger River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.45	CINC 209	Fair Forest Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.45	CINC 209	Middle Tyger River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.46	CINC 214	Fish Ponds	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.47	CINC 214	Lake Clause	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.48	CINC 214	University Lake/ City Park Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.48	CINC 214	Comite River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.49	CINC 221	Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.50	CINC 221	Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.51	CINC 221	San Jacinto River / Houston Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.52	CINC 324	Shades Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.52	CINC 324	Valley Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.53	CINC 324	Bayview Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.54	CINC 324	Cahaba River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.55	CINC 325	Big Hill Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.56	CINC 325	Potato Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.57	CINC 325	Claymore Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.58	CINC 325	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7.59	CINC 331	Rocky River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.00	CINC 331	East Branch Black River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.01	CINC 331	Wyleswood Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.02	CINC 331	Baldwin Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.03	CINC 359	Kentucky River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.04	CINC 359	Indian Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.05	CINC 359	Indian Kentucky Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.06	CINC 359	Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.07	CINC A15	Tonawanda Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.08	CINC A15	Murder Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.09	CINC A15	Ellicott Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.10	CINC A18	Taylor Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.11	CINC A18	Hillebrandt Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.12	CINC A18	Viterbo Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.13	CINC CAL	Tennessee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.14	CINC CAL	Kentucky Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.15	CINC CAL	Barkley Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.16	CINC CAL	Cumberland River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.17	CINC ELD	Flat Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.19	CINC ELD	Salt Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.19	CINC ELD	Calton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.20	CINC ELD	Ouachita River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.21	CINC SAU	Horseshoe Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.22	CINC SAU	Old Catawba Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.23	CINC SAU	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.24	CK 202	Elk City Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.25	CK 202	Montgomery County State Park Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.26	CK 202	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.26	CK 203	Catalpa Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.27	CK 203	Wilmot Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.28	CK 203	N. Branch Magawah Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.29	CK 203	Shotbag Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.30	CK 204	Bay Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.30	CK 204	Little Calumet Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.31	CK 204	Upper and Lower Swan Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.32	CK 204	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.33	CK 302	Maumee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.34	CK 302	Auglaize River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.34	CK 302	Six Mile Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.35	CK 304	Big Walnut Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.36	CK 304	Glenn Flint Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.37	CK 304	Deer Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.38	CK 320	Mud Davis Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.38	CK 320	Thunder Bay River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.39	CK 320	Long Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.40	CK 321	Black Warrior River (most inclusive data)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.41	CK 321	Powell Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.42	CK 321	Lake Demopolis	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.42	CK 321	Lake Henry	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.43	CK BAT	Monocacy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.44	CK BAT	Lehigh River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.45	CK CHA	Allen Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.46	CK CHA	Sante Fe Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.47	CK CHA	Nesho River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.47	CK FOR	Walnut Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.48	CK FOR	West Flat Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.49	CK FOR	Hamilton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.50	CK FRE	Salt Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.51	CK FRE	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.51	CK FRE	Fall River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.52	CK HAR	Indian Field Swamp	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.53	CK HAR	Walnut Branch	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.54	CK HAR	Huttos Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.55	CK HOL	Huttos Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.55	CK HOL	Lake Merkel	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.56	CK TEX	Armstrong Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.57	CK TEX	Massay Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 8.58	CK TEX	Mountain Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Base Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr	Biotic mortality rate (t/day)	HgD Suspended Biotic solids Kd(L/Kg)	
11/6/98 8:59	CK	TEX	Waxahachie Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:00	CK	WAM	Connoquenessing Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:00	CK	WAM	Hereford Manor Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:01	CK	WAM	Beaver River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:04	LWAK	ARV	James River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:04	LWAK	ARV	Sports Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:05	LWAK	ARV	Holman Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:06	LWAK	ARV	Rivanna River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:08	LWAK	BRO	McNeely Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:09	LWAK	BRO	Silver Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:10	LWAK	CAS	Cascade Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:11	LWAK	CAS	Smith River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:12	LWAK	CAS	Dan River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:13	LWAK	COH	Troy Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:14	LWAK	COH	Hudson River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:14	LWAK	COH	Mohawk River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:18	LWAK	NOR	Lake Tillery	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:19	OINCLarge	334	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:20	OINCLarge	334	Vermilion River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:21	OINCLarge	334	Colby Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:22	OINCLarge	334	Lake Isabelle	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:23	OINCLarge	463	Blue River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:23	OINCLarge	463	Rock Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:24	OINCLarge	463	Shoal Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:25	OINCLarge	463	Missouri River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:26	OINCLarge	464	Ottawa River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:27	OINCLarge	464	Metzger/Ferguson Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:29	OINCLarge	504	Darby Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:30	OINCLarge	504	Cooper River Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:31	OINCLarge	504	Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:32	OINCLarge	600	Lake Jackson	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:32	OINCLarge	600	Oyster Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:33	OINCLarge	600	Brazos River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:34	OINCLarge	711	Brechtel Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:35	OINCLarge	711	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:36	OINCLarge	806	Wolf Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:37	OINCLarge	806	Lake George	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:37	OINCLarge	806	Little Calumet River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:38	OINCLarge	806	Grand Calumet River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:39	OINCLarge	915	Genesee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:40	OINCLarge	915	Irondequoit Bay	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:41	OINCLarge	915	Highland Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:42	OINCLarge	A32	Armand Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:45	OINCLarge	A43	Niagara River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:46	OINCLarge	A50	Carpenters Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:48	OINCLarge	A50	San Jacinto River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:49	OINCLarge	A62	Caney Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:54	OINCLarge	B20	Euclid Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:56	OINCLarge	HAN	Fabus River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:57	OINCLarge	HAN	Spring Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:57	OINCLarge	HAN	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:02	OINCLarge	MCI	Hals Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:03	OINCLarge	MCI	Alabama River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:07	OINCLarge	MID	Kawkawin River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:08	OINCLarge	MID	Chippewa River (most inclusive data)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:08	OINCLarge	STG	Bayou Plaquemine	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:09	OINCLarge	STG	Manchac Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:10	OINCLarge	STG	Bayou Fountain	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:11	OINCLarge	STG	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:13	OINCLarge	340	Sunfish Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Base Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr)	Biotic mortality rate (t/day)	HgD Suspended Biotic solids Kd(L/Kg)
11/6/98 10:14	OINCSmall 340	Proctor Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:14	OINCSmall 340	Fish Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:15	OINCSmall 340	Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:16	OINCSmall 342	Kalamazoo River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:17	OINCSmall 342	East Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:18	OINCSmall 342	Portage Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:19	OINCSmall 342	Portage River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:20	OINCSmall 453	Lake Spivey	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:21	OINCSmall 453	Jester Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:22	OINCSmall 453	Flint River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:23	OINCSmall 468	Wissahickon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:25	OINCSmall 468	Tacony Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 10:26	OINCSmall 468	Schuykill	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:30	OINCSmall 468	Pickering Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:31	OINCSmall 701	Wabash River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:32	OINCSmall 701	Sugar Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:33	OINCSmall 701	Big Racoon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:34	OINCSmall 704	Garvey Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:35	OINCSmall 704	Logg Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:36	OINCSmall 704	Silver Lake Res.	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:36	OINCSmall 708	Grindle Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:37	OINCSmall 708	Parker Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:38	OINCSmall 708	Tranters Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:39	OINCSmall 725	Passaic River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:40	OINCSmall 725	Silver Lake Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:41	OINCSmall 725	Reservoir No. 2	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:42	OINCSmall 725	Rahway River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:42	OINCSmall 824	Newton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:43	OINCSmall 824	Big Timber Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:44	OINCSmall 824	Darby Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:45	OINCSmall 824	Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:46	OINCSmall 904	Pascagoula River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:47	OINCSmall 904	Escatawpa River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:48	OINCSmall 906	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:48	OINCSmall 906	Coopers Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:49	OINCSmall 906	Eliza Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:50	OINCSmall 906	Muscataine Slough	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:51	OINCSmall A14	New River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:52	OINCSmall A14	Bayou Conway	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:53	OINCSmall A14	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:54	OINCSmall A14	Bayou Lafourche	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:55	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:55	OINCSmall A26	Cats Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:56	OINCSmall A26	Dota Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:57	OINCSmall A31	Nottaway River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:58	OINCSmall A31	Chowan River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:59	OINCSmall A31	Nottaway Swamp (a creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:00	OINCSmall A45	Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:01	OINCSmall A45	Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:02	OINCSmall A45	Greens Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:02	OINCSmall A45	Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:03	OINCSmall A46	Little Muskingum River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:04	OINCSmall A46	Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:05	OINCSmall A46	Middle Island Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:06	OINCSmall A47	Caney River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:07	OINCSmall A47	Sand Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:08	OINCSmall A47	Bar-Dew Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:09	OINCSmall A47	Lake Hudson	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:09	OINCSmall A55	Mohawk River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:10	OINCSmall A55	Acipause Kill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:11	OINCSmall A55	Stony Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:12	OINCSmall A55	Waterliet Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:13	OINCSmall B18	Gulf Intercostal Waterway	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:14	OINCSmall B18	Bayou La Butte	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:15	OINCSmall B18	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:16	OINCSmall B18	Bayou Manchac	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:16	OINCSmall B23	Hillbrandt Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:17	OINCSmall B23	Cow Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:18	OINCSmall B23	Neches River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:19	OINCSmall B23	Port Arthur Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:35	OINCSmall B31	Wassahickon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:36	OINCSmall B31	Neshaminy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:37	OINCSmall B31	Peace Valley Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:38	OINCSmall B31	Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:23	OINCSmall B32	Cedar Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:24	OINCSmall B32	Cary Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:25	OINCSmall B32	Goose Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:26	OINCSmall B37	Arkansas River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:27	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:28	OINCSmall B37	Yellow Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:29	OINCSmall B37	Lake Pine Bluff	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:30	OINCSmall B44	Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:31	OINCSmall B44	Greens Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:32	OINCSmall B44	Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:32	OINCSmall B44	Hunting Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:33	OINCSmall TOO	Rush Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:34	OINCSmall TOO	Box Elder Wash	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Base Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g[solids]/m2-yr)	Biotic mortality rate (/day)	Hg0 Suspended Biotic solids Kd(L/kg)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 20:36	OINCSmall TOC	Soldier Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/Kg)	MHg Suspended Biotic solids Kd(L/Kg)	Notill Soil base reduction (day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)	
11/6/98 8:59	CK	TEX	Waxahachie Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:00	CK	WAM	Connoquenessing Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:00	CK	WAM	Hereford Manor Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:01	CK	WAM	Beaver River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:02	CK	WAM	Slippery Rock Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:04	LWAK	ARV	James River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:04	LWAK	ARV	Sports Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:05	LWAK	ARV	Holman Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:06	LWAK	ARV	Rivanna River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:08	LWAK	BRO	McNeely Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:09	LWAK	BRO	Silver Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:10	LWAK	CAS	Cascade Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:11	LWAK	CAS	Smith River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:12	LWAK	CAS	Dan River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:13	LWAK	COH	Troy Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:14	LWAK	COH	Hudson River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:14	LWAK	COH	Mohawk River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:18	LWAK	NOR	Lake Tillery	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:19	OINCLarge	334	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:20	OINCLarge	334	Vermilion River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:21	OINCLarge	334	Colby Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:22	OINCLarge	334	Lake Isabelle	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:23	OINCLarge	463	Blue River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:23	OINCLarge	463	Rock Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:24	OINCLarge	463	Shoal Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:25	OINCLarge	463	Missouri River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:26	OINCLarge	464	Ottawa River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:27	OINCLarge	464	Metzger/Ferguson Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:29	OINCLarge	504	Darby Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:30	OINCLarge	504	Cooper River Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:31	OINCLarge	504	Schuylkill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:32	OINCLarge	600	Lake Jackson	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:32	OINCLarge	600	Oyster Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:33	OINCLarge	600	Brazos River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:34	OINCLarge	711	Brechtel Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:35	OINCLarge	711	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:36	OINCLarge	806	Wolf Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:37	OINCLarge	806	Lake George	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:37	OINCLarge	806	Little Calumet River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:38	OINCLarge	806	Grand Calumet River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:39	OINCLarge	915	Genesee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:40	OINCLarge	915	Iroquois Bay	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:41	OINCLarge	915	Highland Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:42	OINCLarge	A32	Armand Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:45	OINCLarge	A43	Niagara River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:46	OINCLarge	A50	Carpenters' Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:48	OINCLarge	A50	San Jacinto River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:49	OINCLarge	A62	Caney Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:54	OINCLarge	B20	Euclid Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:56	OINCLarge	HAN	Fabus River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:57	OINCLarge	HAN	Spring Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:57	OINCLarge	HAN	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:02	OINCLarge	MCI	Hals Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:03	OINCLarge	MCI	Alabama River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:07	OINCLarge	MID	Kankawlin River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:08	OINCLarge	MID	Chippewa River (most inclusive data)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:08	OINCLarge	STG	Bayou Plaquemine	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:09	OINCLarge	STG	Manchac Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:10	OINCLarge	STG	Bayou Fountain	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:11	OINCLarge	STG	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:13	OINCLarge	340	Sunfish Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/kg)	MHg Suspended Biotic solids Kd(L/kg)	Notill Soil base reduction (day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)
11/6/98 10:14	OINCSmall	340 Proctor Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:14	OINCSmall	340 Fish Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:15	OINCSmall	340 Ohio River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:16	OINCSmall	342 Kalamazoo River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:17	OINCSmall	342 East Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:18	OINCSmall	342 Portage Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:19	OINCSmall	342 Portage River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:20	OINCSmall	453 Lake Spivey	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:21	OINCSmall	453 Jester Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:22	OINCSmall	453 Flint River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:23	OINCSmall	468 Wassahickon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:25	OINCSmall	468 Tacony Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 10:26	OINCSmall	468 Schuykill	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:30	OINCSmall	468 Pickering Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:31	OINCSmall	701 Wabash River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:32	OINCSmall	701 Sugar Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:33	OINCSmall	701 Big Racoon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:34	OINCSmall	704 Garvey Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:35	OINCSmall	704 Logg Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:36	OINCSmall	704 Silver Lake Res.	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:36	OINCSmall	708 Grindle Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:37	OINCSmall	708 Parker Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:38	OINCSmall	708 Tranters Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:39	OINCSmall	725 Passaic River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:40	OINCSmall	725 Silver Lake Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:41	OINCSmall	725 Reservoir No. 2	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:42	OINCSmall	725 Rahway River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:42	OINCSmall	824 Newton Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:43	OINCSmall	824 Big Timber Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:44	OINCSmall	824 Darby Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:45	OINCSmall	824 Schuykill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:46	OINCSmall	904 Pascagoula River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:47	OINCSmall	904 Escatwapa River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:48	OINCSmall	906 Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:48	OINCSmall	906 Cooperas Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:49	OINCSmall	906 Eliza Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:50	OINCSmall	906 Muscatine Slough	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:51	OINCSmall	A14 New River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:52	OINCSmall	A14 Bayou Conway	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:53	OINCSmall	A14 Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:54	OINCSmall	A14 Bayou Lafourche	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:55	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:55	OINCSmall	A26 Carver Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:56	OINCSmall	A26 Dora Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:57	OINCSmall	A31 Nottaway River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:58	OINCSmall	A31 Chowan River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:59	OINCSmall	A31 Nottaway Swamp (a creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:00	OINCSmall	A45 Sheldon Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:01	OINCSmall	A45 Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:02	OINCSmall	A45 Greens Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:02	OINCSmall	A45 Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:03	OINCSmall	A46 Little Muskingum River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:04	OINCSmall	A46 Ohio River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:05	OINCSmall	A46 Middle Island Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:06	OINCSmall	A47 Carney River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:07	OINCSmall	A47 Sand Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:08	OINCSmall	A47 Bar-Dew Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:09	OINCSmall	A47 Lake Hudson	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:09	OINCSmall	A55 Mohawk River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:10	OINCSmall	A55 Acipause Kill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:11	OINCSmall	A55 Stony Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:12	OINCSmall	A55 Waterliet Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:13	OINCSmall	B18 Gulf Interoceanal Waterway	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:14	OINCSmall	B18 Bayou La Butte	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:15	OINCSmall	B18 Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:16	OINCSmall	B18 Bayou Manchac	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:16	OINCSmall	B23 Hillbrandt Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:17	OINCSmall	B23 Cow Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:18	OINCSmall	B23 Neches River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:19	OINCSmall	B23 Port Arthur Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:35	OINCSmall	B31 Wassahickon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:36	OINCSmall	B31 Neshaminy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:37	OINCSmall	B31 Peace Valley Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:38	OINCSmall	B31 Schuykill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:23	OINCSmall	B32 Cedar Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:24	OINCSmall	B32 Cary Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:25	OINCSmall	B32 Goose Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:26	OINCSmall	B37 Arkansas River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:27	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:28	OINCSmall	B37 Yellow Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:29	OINCSmall	B37 Lake Pine Bluff	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:30	OINCSmall	B44 Sheldon Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:31	OINCSmall	B44 Greens Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:32	OINCSmall	B44 Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:32	OINCSmall	B44 Hunting Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:33	OINCSmall	TOO Rush Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:34	OINCSmall	TOO Box Elder Wash	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/kg)	MHg Suspended Biotic solids Kd(L/kg)	Notill Soil base reduction (t/day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 20:36	OINCSmall TOC	Soldier Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Base Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant
11/6/98 7.43	CINC 209	Lawsons Fork Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.44	CINC 209	Tyger River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.45	CINC 209	Fair Forest Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.46	CINC 209	Middle Tyger River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.46	CINC 214	Fish Ponds	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7.47	CINC 214	Lake Clause	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7.48	CINC 214	University Lake/ City Park Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7.48	CINC 214	Comite River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.49	CINC 221	Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7.50	CINC 221	Sheldon Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7.51	CINC 221	San Jacinto River / Houston Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.52	CINC 324	Shades Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.52	CINC 324	Valley Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.53	CINC 324	Bayview Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7.54	CINC 324	Cahaba River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.55	CINC 325	Big Hill Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.56	CINC 325	Potato Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.57	CINC 325	Claymore Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.58	CINC 325	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7.59	CINC 331	Rocky River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.00	CINC 331	East Branch Black River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.01	CINC 331	Wyleswood Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.02	CINC 331	Baldwin Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.03	CINC 359	Kentucky River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.04	CINC 359	Indian Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.05	CINC 359	Indian Kentuck Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.06	CINC 359	Ohio River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.07	CINC A15	Tonawanda Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.08	CINC A15	Murder Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.09	CINC A15	Ellicott Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.10	CINC A18	Taylor Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.11	CINC A18	Hillebrandt Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.12	CINC A18	Viterbo Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.13	CINC CAL	Tennessee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.14	CINC CAL	Kentucky Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.15	CINC CAL	Barkley Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.16	CINC CAL	Cumberland River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.17	CINC ELD	Flat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.19	CINC ELD	Salt Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.19	CINC ELD	Callon Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.20	CINC ELD	Ouachita River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.21	CINC SAU	Horseshoe Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.22	CINC SAU	Old Cahokia Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.23	CINC SAU	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.24	CK 202	Elk City Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.25	CK 202	Montgomery County State Park Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.26	CK 202	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.26	CK 203	Catalpa Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.27	CK 203	Gilmer Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.28	CK 203	N. Branch Magowah Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.29	CK 203	Shotbag Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.30	CK 204	Bay Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.30	CK 204	Little Calumet Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.31	CK 204	Upper and Lower Swan Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.32	CK 204	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.33	CK 302	Maumee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.34	CK 302	Auglaize River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.34	CK 302	Six Mile Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.35	CK 304	Big Walnut Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.36	CK 304	Glenn Flint Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.37	CK 304	Deer Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.39	CK 320	Mud Davis Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.38	CK 320	Thunder Bay River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.39	CK 320	Long Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.40	CK 321	Black Warrior River (most inclusive data)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.41	CK 321	Powell Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.42	CK 321	Lake Demopolis	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.42	CK 321	Lake Henry	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.43	CK BAT	Monocacy Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.44	CK BAT	Lehigh River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.45	CK CHA	Allen Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.46	CK CHA	Sante Fe Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.47	CK CHA	Neosho River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.47	CK FOR	Walnut Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.48	CK FOR	West Flat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.49	CK FOR	Hamilton Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.50	CK FRE	Salt Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.51	CK FRE	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.51	CK FRE	Fall River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.52	CK HAR	Indiana Field Swamp	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.53	CK HAR	Walnut Branch	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.54	CK HAR	Huttos Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.55	CK HOL	Huttos Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.55	CK HOL	Lake Merkel	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.56	CK TEX	Armstrong Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 8.57	CK TEX	Massay Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 8.58	CK TEX	Mountain Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Base Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant	
11/6/98 8:59	CK	TEX	Waxahachie Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:00	CK	WAM	Connoquenessing Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:00	CK	WAM	Hereford Manor Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:01	CK	WAM	Beaver River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:04	LWAK	ARV	James River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:04	LWAK	ARV	Sports Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:05	LWAK	ARV	Holman Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:06	LWAK	ARV	Rivanna River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:08	LWAK	BRO	McNeely Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:09	LWAK	BRO	Silver Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:10	LWAK	CAS	Cascade Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:11	LWAK	CAS	Smith River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:12	LWAK	CAS	Dan River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:13	LWAK	COH	Troy Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:14	LWAK	COH	Hudson River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:14	LWAK	COH	Mohawk River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:18	LWAK	NOR	Lake Tillery	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:19	OINCLarge	334	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:20	OINCLarge	334	Vermillion River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:21	OINCLarge	334	Colby Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:22	OINCLarge	334	Lake Isabelle	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:23	OINCLarge	463	Blue River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:23	OINCLarge	463	Rock Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:24	OINCLarge	463	Shoat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:25	OINCLarge	463	Missouri River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:26	OINCLarge	464	Ottawa River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:27	OINCLarge	464	Metzger/Ferguson Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:29	OINCLarge	504	Darby Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:30	OINCLarge	504	Cooper River Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:31	OINCLarge	504	Schuykill River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:32	OINCLarge	600	Lake Jackson	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:32	OINCLarge	600	Oyster Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:33	OINCLarge	600	Brazos River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:34	OINCLarge	711	Brechtel Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:35	OINCLarge	711	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:36	OINCLarge	806	Wolf Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:37	OINCLarge	806	Lake George	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:37	OINCLarge	806	Little Calumet River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:38	OINCLarge	806	Grand Calumet River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:39	OINCLarge	915	Genesee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:40	OINCLarge	915	Irondequoit Bay	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:41	OINCLarge	915	Highland Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:42	OINCLarge	A32	Armand Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:45	OINCLarge	A43	Niagara River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:46	OINCLarge	A50	Carpenters Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:48	OINCLarge	A50	San Jacinto River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:49	OINCLarge	A62	Caney Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:54	OINCLarge	B20	Euclid Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:56	OINCLarge	HAN	Fabus River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:57	OINCLarge	HAN	Spring Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 9:57	OINCLarge	HAN	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:02	OINCLarge	MCI	Hals Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 10:03	OINCLarge	MCI	Alabama River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:07	OINCLarge	MID	Kawkawlin River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:08	OINCLarge	MID	Chippewa River (most inclusive data)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:08	OINCLarge	STG	Bayou Plaquemine	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:09	OINCLarge	STG	Manchac Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:10	OINCLarge	STG	Bayou Fountain	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:11	OINCLarge	STG	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 10:13	OINCLarge	340	Sunfish Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Base Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant
11/6/98 20:35	OINCSmall TOC	Blue Lakes	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 20:36	OINCSmall TOC	Soldier Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Base Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 7.43	CINC 209	Lawsons Fork Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.44	CINC 209	Tyger River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.45	CINC 209	Fair Forest Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.45	CINC 209	Middle Tyger River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.46	CINC 214	Fish Ponds	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.47	CINC 214	Lake Clause	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.48	CINC 214	University Lake/ City Park Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.48	CINC 214	Comite River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.49	CINC 221	Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.50	CINC 221	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.51	CINC 221	San Jacinto River / Houston Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.52	CINC 324	Shades Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.52	CINC 324	Valley Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.53	CINC 324	Bayview Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7.54	CINC 324	Cahaba River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.55	CINC 325	Big Hill Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.56	CINC 325	Potato Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.57	CINC 325	Jaymore Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.58	CINC 325	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7.59	CINC 331	Rocky River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.00	CINC 331	East Branch Black River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.01	CINC 331	Wyleswood Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.02	CINC 331	Baldwin Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.03	CINC 359	Kentucky River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.04	CINC 359	Indian Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.05	CINC 359	Indian Kentucky Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.06	CINC 359	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.07	CINC A15	Tonawanda Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.08	CINC A15	Murder Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.09	CINC A15	Ellicott Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.10	CINC A18	Taylor Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.11	CINC A18	Hillebrandt Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.12	CINC A18	Viterbo Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.13	CINC CAL	Tennessee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.14	CINC CAL	Kentucky Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.15	CINC CAL	Barkley Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.16	CINC CAL	Cumberland River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.17	CINC ELD	Flat Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.19	CINC ELD	Salt Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.19	CINC ELD	Calton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.20	CINC ELD	Ouachita River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.21	CINC SAU	Horseshoe Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.22	CINC SAU	Old Cahokia Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.23	CINC SAU	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.24	CK 202	Elk City Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.25	CK 202	Montgomery County State Park Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.26	CK 202	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.26	CK 203	Catalpa Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.27	CK 203	Gilmer Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.28	CK 203	N. Branch Magowah Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.29	CK 203	Shotbag Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.30	CK 204	Bay Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.30	CK 204	Little Calumet Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.31	CK 204	Upper and Lower Swan Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.32	CK 204	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.33	CK 302	Maumee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.34	CK 302	Auglaize River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.34	CK 302	Six Mile Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.35	CK 304	Big Walnut Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.36	CK 304	Glenn Flint Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.37	CK 304	Deer Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.38	CK 320	Mud Devils Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.38	CK 320	Thunder Bay River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.39	CK 320	Long Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.40	CK 321	Black Warrior River (most inclusive data)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.41	CK 321	Powell Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.42	CK 321	Lake Demopolis	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.42	CK 321	Lake Henry	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.43	CK BAT	Monocacy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.44	CK BAT	Lehigh River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.45	CK CHA	Allen Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.46	CK CHA	Sante Fe Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.47	CK CHA	Neosho River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.47	CK FOR	Walnut Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.48	CK FOR	West Flat Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.49	CK FOR	Hamilton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.50	CK FRE	Salt Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.51	CK FRE	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.51	CK FRE	Fall River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.52	CK HAR	Indian Field Swamp	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.53	CK HAR	Walnut Branch	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.54	CK HAR	Huttos Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.55	CK HOL	Huttos Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.55	CK HOL	Lake Merkel	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.56	CK TEX	Armstrong Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 8.57	CK TEX	Massey Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 8.58	CK TEX	Mountain Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Base Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 8:59	CK	TEX Waxahachie Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:00	CK	WAM Connoquenessing Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:00	CK	WAM Hereford Manor Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:01	CK	WAM Beaver River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:02	CK	WAM Slippery Rock Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:04	LWAK	ARV James River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:04	LWAK	ARV Sports Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:05	LWAK	ARV Holman Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:06	LWAK	ARV Rivanna River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:07	LWAK	BRO Bluelick Creek (includes Clear Run)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:08	LWAK	BRO McNeely Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:09	LWAK	BRO Silver Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:09	LWAK	BRO Salt River (includes Floyd's Fork)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:10	LWAK	CAS Cascade Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:11	LWAK	CAS Smith River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:12	LWAK	CAS Dan River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:13	LWAK	COH Troy Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:14	LWAK	COH Hudson River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:14	LWAK	COH Mohawk River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:15	LWAK	COH Tomahannock Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:16	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:17	LWAK	NOR Long Lake/Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:18	LWAK	NOR Lake Tilley	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:19	ONCLarge	334 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:20	ONCLarge	334 Vermillion River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:21	ONCLarge	334 Colby Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:22	ONCLarge	334 Lake Isabelle	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:23	ONCLarge	463 Blue River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:23	ONCLarge	463 Rock Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:24	ONCLarge	463 Shoal Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:25	ONCLarge	463 Missouri River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:26	ONCLarge	464 Ottowa River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:27	ONCLarge	464 Twin Lakes Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:27	ONCLarge	464 Metzger/Ferguson Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:28	ONCLarge	504 Pennsauken Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:29	ONCLarge	504 Darby Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:30	ONCLarge	504 Cooper River Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:31	ONCLarge	504 Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:32	ONCLarge	600 Lake Jackson	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:32	ONCLarge	600 Oyster Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:33	ONCLarge	600 Brazos River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:34	ONCLarge	711 Brechtel Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:35	ONCLarge	711 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:36	ONCLarge	806 Wolf Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:37	ONCLarge	806 Lake George	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:37	ONCLarge	806 Little Calumet River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:38	ONCLarge	806 Grand Calumet River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:39	ONCLarge	915 Genesee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:40	ONCLarge	915 Irondequoit Bay	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:41	ONCLarge	915 Highland Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:42	ONCLarge	A32 Armand Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:42	ONCLarge	A43 Twelvemile Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:43	ONCLarge	A43 Bergholtz Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:44	ONCLarge	A43 Cayuga Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:45	ONCLarge	A43 Niagara River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:46	ONCLarge	A50 Carpentiers Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:47	ONCLarge	A50 Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:47	ONCLarge	A50 Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:48	ONCLarge	A50 San Jacinto River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:49	ONCLarge	A62 Caney Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:50	ONCLarge	A62 E & W Fork Crystal Cr.	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:51	ONCLarge	A62 Stewarts Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:52	ONCLarge	A62 Lewis Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:52	ONCLarge	B20 Cuyahoga River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:53	ONCLarge	B20 Upper and Lower Shaker Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:54	ONCLarge	B20 Euclid Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:55	ONCLarge	B20 Fairmont Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:56	ONCLarge	HAN Fabus River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:57	ONCLarge	HAN Spring Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 9:57	ONCLarge	HAN Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:58	ONCLarge	KIN North Fork Holston River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 9:59	ONCLarge	KIN Kingsport Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 10:00	ONCLarge	KIN South Fork Holston River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:01	ONCLarge	KIN Reedy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:02	ONCLarge	MCI Halk Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 10:02	ONCLarge	MCI Helicat Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 10:03	ONCLarge	MCI Alabama River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:04	ONCLarge	MCI Tombigbee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:05	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:06	ONCLarge	MID Sturgeon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:07	ONCLarge	MID Kawkawin River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:08	ONCLarge	MID Chippewa River (most inclusive data)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:08	ONCLarge	STG Bayou Plaquemine	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:09	ONCLarge	STG Manchac Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:10	ONCLarge	STG Bayou Fountain	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:11	ONCLarge	STG Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10:13	ONCSmall	340 Sunfish Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Base Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 10.14	OINCSmall 340	Proctor Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.14	OINCSmall 340	Fish Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.15	OINCSmall 340	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.16	OINCSmall 342	Kalamazoo River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.17	OINCSmall 342	East Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.18	OINCSmall 342	Portage Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.19	OINCSmall 342	Portage River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.20	OINCSmall 453	Lake Spivey	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 10.21	OINCSmall 453	Jester Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.22	OINCSmall 453	Flint River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.23	OINCSmall 468	Wissahickon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.25	OINCSmall 468	Tacony Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 10.26	OINCSmall 468	Schuykill	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.30	OINCSmall 468	Pickering Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.31	OINCSmall 701	Wabash River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.32	OINCSmall 701	Sugar Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.33	OINCSmall 701	Big Racoon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.34	OINCSmall 704	Garvey Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.35	OINCSmall 704	Logg Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.36	OINCSmall 704	Silver Lake Res.	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.36	OINCSmall 708	Grindle Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.37	OINCSmall 708	Parker Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.38	OINCSmall 708	Tranters Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.39	OINCSmall 725	Passic River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.40	OINCSmall 725	Silver Lake Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.41	OINCSmall 725	Reservoir No. 2	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.42	OINCSmall 725	Rahway River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.42	OINCSmall 824	Newton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.43	OINCSmall 824	Big Timber Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.44	OINCSmall 824	Darby Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.45	OINCSmall 824	Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.46	OINCSmall 904	Pascagoula River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.47	OINCSmall 904	Escatawpa River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.48	OINCSmall 906	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.48	OINCSmall 906	Cooperas Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.49	OINCSmall 906	Eliza Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.50	OINCSmall 906	Muscataine Slough	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.51	OINCSmall A14	New River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.52	OINCSmall A14	Bayou Conway	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.53	OINCSmall A14	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.54	OINCSmall A14	Bayou Lafourche	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.55	OINCSmall A26	Big Creek (includes Sulphur Spring Creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.55	OINCSmall A26	Carter Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.56	OINCSmall A26	Dota Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.57	OINCSmall A31	Nottaway River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.58	OINCSmall A31	Chowan River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.59	OINCSmall A31	Nottaway Swamp (a creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.00	OINCSmall A45	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.01	OINCSmall A45	Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.02	OINCSmall A45	Greens Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.02	OINCSmall A45	Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.03	OINCSmall A46	Little Muskingum River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.04	OINCSmall A46	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.05	OINCSmall A46	Middle Island Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.06	OINCSmall A47	Caney River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.07	OINCSmall A47	Sand Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.08	OINCSmall A47	Bar-Dew Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.09	OINCSmall A47	Lake Hudson	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.09	OINCSmall A55	Mohawk River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.10	OINCSmall A55	Acplause Kill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.11	OINCSmall A55	Stony Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.12	OINCSmall A55	Waterliet Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.13	OINCSmall B18	Gulf Intercostal Waterway	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.14	OINCSmall B18	Bayou La Butte	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.15	OINCSmall B18	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.16	OINCSmall B18	Bayou Manchac	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.16	OINCSmall B23	Hilbrandt Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.17	OINCSmall B23	Cow Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.18	OINCSmall B23	Neches River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.19	OINCSmall B23	Port Arthur Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.35	OINCSmall B31	Wassahickon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.36	OINCSmall B31	Neshaminy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.37	OINCSmall B31	Peace Valley Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.38	OINCSmall B31	Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.23	OINCSmall B32	Cedar Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.24	OINCSmall B32	Cary Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.25	OINCSmall B32	Goose Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.26	OINCSmall B37	Arkansas River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.27	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.28	OINCSmall B37	Yellow Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.29	OINCSmall B44	Lake Pine Bluff	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.30	OINCSmall B44	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.31	OINCSmall B44	Greens Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.32	OINCSmall B44	Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.32	OINCSmall B44	Hunting Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 20.33	OINCSmall TOO	Rush Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20.34	OINCSmall TOO	Box Elder Wash	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 20:35	OINCSmall TOC	Blue Lakes	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 20:36	OINCSmall TOC	Soldier Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Base Emissions

Facility	State	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)	
11/6/98 7.43	CINC	209	Lawsons Fork Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.55E-14	3.01E-11	1.15E-09
11/6/98 7.44	CINC	209	Tyger River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.70E-14	7.96E-11	2.74E-09
11/6/98 7.45	CINC	209	Fair Forest Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.97E-14	4.51E-11	2.34E-09
11/6/98 7.46	CINC	209	Middle Tyger River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.68E-14	5.40E-11	1.62E-09
11/6/98 7.46	CINC	214	Fish Ponds	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.93E-13	1.86E-09	1.74E-08
11/6/98 7.47	CINC	214	Lake Clause	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.56E-13	3.97E-09	9.45E-08
11/6/98 7.48	CINC	214	University Lake/ City Park Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.71E-13	1.37E-09	4.44E-08
11/6/98 7.48	CINC	214	Comite River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.39E-13	1.86E-09	4.54E-08
11/6/98 7.49	CINC	221	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.04E-11	2.93E-08	1.67E-08
11/6/98 7.50	CINC	221	Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.60E-11	3.05E-08	4.20E-08
11/6/98 7.51	CINC	221	San Jacinto River /Houston Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.72E-11	4.52E-08	4.41E-08
11/6/98 7.52	CINC	324	Shades Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.86E-13	4.37E-10	3.43E-08
11/6/98 7.52	CINC	324	Valley Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.42E-13	1.01E-09	1.49E-07
11/6/98 7.53	CINC	324	Bayview Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.74E-13	1.50E-09	1.66E-07
11/6/98 7.54	CINC	324	Cahaba River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.36E-13	3.03E-10	1.60E-08
11/6/98 7.55	CINC	325	Big Hill Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.07E-11	6.24E-10	4.77E-06
11/6/98 7.56	CINC	325	Potato Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.92E-11	6.75E-10	8.31E-06
11/6/98 7.57	CINC	325	Claymore Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.06E-11	2.29E-09	1.55E-05
11/6/98 7.58	CINC	325	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.53E-12	3.71E-10	1.59E-06
11/6/98 7.59	CINC	331	Rocky River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.40E-13	1.37E-09	6.21E-08
11/6/98 8.00	CINC	331	East Branch Black River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.75E-13	3.43E-09	2.26E-07
11/6/98 8.01	CINC	331	Wyleswood Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.15E-13	1.86E-09	1.14E-07
11/6/98 8.02	CINC	331	Baldwin Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.16E-13	7.99E-10	2.94E-08
11/6/98 8.03	CINC	359	Kentucky River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.30E-10	2.67E-07	0.00E+00
11/6/98 8.04	CINC	359	Indian Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.51E-10	3.26E-07	0.00E+00
11/6/98 8.05	CINC	359	Indian Kentucky Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.77E-11	2.22E-07	0.00E+00
11/6/98 8.06	CINC	359	Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.13E-10	2.69E-07	0.00E+00
11/6/98 8.07	CINC	A15	Tonawanda Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.78E-12	2.04E-09	1.70E-07
11/6/98 8.08	CINC	A15	Murder Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.11E-13	1.66E-09	6.33E-08
11/6/98 8.09	CINC	A15	Ellicott Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.14E-12	1.96E-09	1.03E-07
11/6/98 8.10	CINC	A18	Taylor Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.23E-10	2.07E-06	0.00E+00
11/6/98 8.11	CINC	A18	Hillebrandt Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.43E-10	8.42E-07	0.00E+00
11/6/98 8.12	CINC	A18	Viterbo Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.29E-10	1.16E-06	0.00E+00
11/6/98 8.13	CINC	CAL	Tennessee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.84E-10	8.48E-07	6.36E-07
11/6/98 8.14	CINC	CAL	Kentucky Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.59E-10	1.28E-06	1.28E-06
11/6/98 8.15	CINC	CAL	Barkley Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.61E-11	4.85E-07	2.96E-07
11/6/98 8.16	CINC	CAU	Cumberland River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.88E-10	5.54E-07	6.19E-07
11/6/98 8.17	CINC	ELD	Flat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.43E-11	1.09E-07	0.00E+00
11/6/98 8.19	CINC	ELD	Salt Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.05E-11	6.37E-08	0.00E+00
11/6/98 8.19	CINC	ELD	Calton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.26E-11	2.60E-08	0.00E+00
11/6/98 8.20	CINC	ELD	Ouachita River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.14E-11	3.66E-08	0.00E+00
11/6/98 8.21	CINC	SAU	Horseshoe Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.53E-13	1.22E-09	4.76E-08
11/6/98 8.22	CINC	SAU	Old Catokoke Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.30E-13	2.10E-09	2.10E-09
11/6/98 8.23	CINC	SAU	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.82E-13	2.71E-09	1.06E-07
11/6/98 8.24	CK	202	Elk City Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.29E-13	1.12E-09	1.50E-08
11/6/98 8.25	CK	202	Montgomery County State Park Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.63E-13	5.18E-09	1.08E-07
11/6/98 8.26	CK	202	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.17E-13	1.62E-09	5.07E-08
11/6/98 8.26	CK	203	Catalpa Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.81E-12	2.39E-08	3.91E-07
11/6/98 8.27	CK	203	Gilmer Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.23E-12	2.45E-08	4.45E-07
11/6/98 8.28	CK	203	N. Branch Magowah Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.23E-12	1.18E-07	2.84E-06
11/6/98 8.29	CK	203	Shotbag Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.12E-12	2.75E-08	5.43E-07
11/6/98 8.30	CK	204	Bay Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.10E-13	7.49E-09	1.17E-07
11/6/98 8.30	CK	204	Little Calumet Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.05E-13	4.14E-08	3.75E-07
11/6/98 8.31	CK	204	Upper and Lower Swan Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.43E-13	1.94E-08	2.05E-07
11/6/98 8.32	CK	204	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.94E-13	1.76E-08	2.14E-07
11/6/98 8.33	CK	302	Maumee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-12	5.91E-09	2.46E-07
11/6/98 8.34	CK	302	Auglaize River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.52E-12	5.21E-09	3.08E-07
11/6/98 8.34	CK	302	Six Mile Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.39E-12	1.91E-08	1.02E-06
11/6/98 8.35	CK	304	Big Walnut Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.68E-12	2.01E-08	7.20E-06
11/6/98 8.36	CK	304	Glenn Flint Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.29E-12	1.13E-08	3.91E-06
11/6/98 8.37	CK	304	Deer Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.19E-11	3.25E-08	1.18E-05
11/6/98 8.38	CK	320	Mud Doves Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.03E-12	3.76E-08	9.65E-07
11/6/98 8.38	CK	320	Thunder Bay River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.72E-12	4.43E-08	1.10E-06
11/6/98 8.39	CK	320	Long Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.24E-12	3.43E-08	8.74E-07
11/6/98 8.40	CK	321	Black Warrior River (most inclusive data)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.11E-11	6.22E-08	1.85E-05
11/6/98 8.41	CK	321	Powell Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.25E-11	6.26E-08	1.28E-05
11/6/98 8.42	CK	321	Lake Demopolis	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.11E-11	6.22E-08	1.85E-05
11/6/98 8.42	CK	BAT	Lake Henry	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.01E-11	6.03E-08	1.43E-05
11/6/98 8.43	CK	BAT	Monocacy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.90E-12	8.50E-09	4.94E-07
11/6/98 8.44	CK	BAT	Lehigh River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.08E-13	4.38E-09	1.85E-07
11/6/98 8.45	CK	CHA	Allen Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.48E-11	2.87E-07	7.47E-06
11/6/98 8.46	CK	CHA	Sante Fe Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.47E-11	4.14E-07	1.06E-05
11/6/98 8.47	CK	CHA	Nesho River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.51E-11	1.51E-07	4.72E-06
11/6/98 8.47	CK	FOR	Walnut Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.41E-11	4.17E-07	9.89E-06
11/6/98 8.48	CK	FOR	West Flat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.80E-11	2.51E-07	1.06E-05
11/6/98 8.49	CK	FOR	Hamilton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.55E-11	6.01E-07	1.22E-05
11/6/98 8.50	CK	FRE	Salt Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.86E-12	5.04E-08	2.34E-06
11/6/98 8.51	CK	FRE	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.74E-11	7.36E-08	6.31E-06
11/6/98 8.51	CK	FRE	Fall River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.07E-11	1.78E-08	1.81E-06
11/6/98 8.52	CK	HAR	Indian Field Swamp	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.05E-07	1.05E-07	4.91E-06
11/6/98 8.53	CK	HAR	Walnut Branch	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.77E-11	8.27E-08	4.77E-06
11/6/98 8.54	CK	HAR	Huttos Lake	7.30E-							

Inputs Used for Base Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)	
11/6/98 8:59	CK	TEX	Waxahatchie Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.22E-11	2.30E-09	4.97E-06
11/6/98 9:00	CK	WAM	Cornoquenessing Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.50E-11	5.84E-08	3.24E-05
11/6/98 9:00	CK	WAM	Hereford Manor Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.29E-11	3.94E-08	2.15E-05
11/6/98 9:01	CK	WAM	Beaver River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.70E-11	6.49E-08	2.36E-05
11/6/98 9:02	CK	WAM	Slippery Rock Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.62E-11	5.15E-08	3.14E-05
11/6/98 9:04	LWAK	ARV	James River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.09E-13	4.98E-10	5.94E-08
11/6/98 9:04	LWAK	ARV	Sports Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.21E-13	4.18E-10	5.84E-08
11/6/98 9:05	LWAK	ARV	Holman Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.15E-13	6.27E-10	2.15E-07
11/6/98 9:06	LWAK	ARV	Rivanna River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.34E-13	2.17E-10	5.98E-08
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.40E-11	6.44E-08	6.17E-06
11/6/98 9:08	LWAK	BRO	McNeely Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.42E-11	1.80E-08	3.75E-06
11/6/98 9:09	LWAK	BRO	Silver Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.85E-12	8.06E-12	2.23E-06
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.34E-12	1.18E-08	1.77E-06
11/6/98 9:10	LWAK	CAS	Cascade Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.93E-12	1.32E-08	1.58E-06
11/6/98 9:11	LWAK	CAS	Smith River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.62E-13	3.13E-09	2.28E-07
11/6/98 9:12	LWAK	CAS	Dan River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.20E-12	3.66E-09	5.70E-07
11/6/98 9:13	LWAK	COH	Troy Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.55E-11	1.58E-08	9.38E-06
11/6/98 9:14	LWAK	COH	Hudson River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.87E-11	3.90E-08	1.08E-05
11/6/98 9:14	LWAK	COH	Mohawk River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.32E-11	4.49E-08	1.30E-05
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.33E-12	7.20E-09	1.92E-06
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.80E-13	1.20E-09	1.11E-07
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.94E-13	6.31E-10	5.96E-08
11/6/98 9:18	LWAK	NOR	Lake Tillery	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.61E-13	4.15E-10	7.42E-08
11/6/98 9:19	OINCLarge	334	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.23E-10	3.33E-14	1.65E-08
11/6/98 9:20	OINCLarge	334	Vermillion River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-14	1.56E-10	7.39E-09
11/6/98 9:21	OINCLarge	334	Colby Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.05E-13	2.04E-10	1.72E-08
11/6/98 9:22	OINCLarge	334	Lake Isabelle	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.51E-13	2.92E-10	3.07E-08
11/6/98 9:23	OINCLarge	463	Blue River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-12	9.79E-09	0.00E+00
11/6/98 9:23	OINCLarge	463	Rock Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.98E-11	3.37E-08	0.00E+00
11/6/98 9:24	OINCLarge	463	Shoal Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.76E-12	7.03E-09	0.00E+00
11/6/98 9:25	OINCLarge	463	Missouri River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.91E-12	8.83E-09	0.00E+00
11/6/98 9:26	OINCLarge	464	Ottawa River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.10E-14	8.58E-11	1.92E-09
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.77E-14	1.27E-10	4.39E-09
11/6/98 9:27	OINCLarge	464	Matzger/Ferguson Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.85E-14	1.16E-10	2.58E-09
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.99E-11	1.13E-07	0.00E+00
11/6/98 9:29	OINCLarge	504	Darby Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.09E-11	9.19E-07	0.00E+00
11/6/98 9:30	OINCLarge	504	Cooper River Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.13E-07	1.19E-07	0.00E+00
11/6/98 9:31	OINCLarge	504	Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.67E-10	4.57E-07	0.00E+00
11/6/98 9:32	OINCLarge	600	Lake Jackson	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.10E-12	3.30E-10	4.27E-06
11/6/98 9:32	OINCLarge	600	Oyster Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.08E-12	3.30E-10	3.24E-06
11/6/98 9:33	OINCLarge	600	Brazos River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.70E-12	6.16E-10	4.49E-06
11/6/98 9:34	OINCLarge	711	Brechtel Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.47E-13	8.25E-10	2.22E-10
11/6/98 9:35	OINCLarge	711	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.20E-13	1.74E-09	4.69E-10
11/6/98 9:36	OINCLarge	806	Wolf Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.76E-11	7.88E-08	0.00E+00
11/6/98 9:37	OINCLarge	806	Lake George	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.17E-11	8.12E-08	0.00E+00
11/6/98 9:37	OINCLarge	806	Little Calumet River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.48E-12	2.71E-08	0.00E+00
11/6/98 9:38	OINCLarge	806	Grand Calumet River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.45E-11	6.68E-08	0.00E+00
11/6/98 9:39	OINCLarge	915	Genesee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.59E-13	7.39E-09	0.00E+00
11/6/98 9:40	OINCLarge	915	Irondequoit Bay	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.46E-12	9.30E-09	0.00E+00
11/6/98 9:41	OINCLarge	915	Highland Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.71E-13	6.48E-09	0.00E+00
11/6/98 9:42	OINCLarge	A32	Armand Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.70E-12	2.50E-08	0.00E+00
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.17E-11	4.20E-08	0.00E+00
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.09E-11	6.53E-08	0.00E+00
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.16E-11	1.31E-07	0.00E+00
11/6/98 9:45	OINCLarge	A43	Niagara River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.40E-12	5.28E-08	0.00E+00
11/6/98 9:46	OINCLarge	A50	Carpenters Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.39E-13	3.74E-11	2.26E-07
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.73E-13	1.51E-11	1.13E-07
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.71E-13	4.30E-11	2.03E-07
11/6/98 9:48	OINCLarge	A50	San Jacinto River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.51E-13	1.99E-11	1.46E-07
11/6/98 9:49	OINCLarge	A62	Caney Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.58E-12	9.42E-08	0.00E+00
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.89E-12	3.07E-07	0.00E+00
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.17E-11	9.69E-08	0.00E+00
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.46E-12	2.69E-08	0.00E+00
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.99E-12	7.50E-09	0.00E+00
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.90E-12	8.95E-09	0.00E+00
11/6/98 9:54	OINCLarge	B20	Euclid Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.30E-12	6.60E-09	0.00E+00
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.80E-11	2.64E-08	0.00E+00
11/6/98 9:56	OINCLarge	HAN	Fabus River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.03E-11	2.30E-08	6.15E-09
11/6/98 9:57	OINCLarge	HAN	Spring Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.10E-11	3.70E-08	5.45E-08
11/6/98 9:57	OINCLarge	HAN	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.42E-11	4.22E-08	8.47E-08
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.16E-12	6.48E-09	7.18E-09
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.40E-12	7.82E-09	1.60E-08
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.44E-12	3.59E-09	3.12E-09
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.61E-12	6.47E-09	7.85E-09
11/6/98 10:02	OINCLarge	MCI	Hals Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.69E-13	2.06E-09	4.25E-08
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.93E-12	1.83E-08	7.50E-07
11/6/98 10:03	OINCLarge	MCI	Alabama River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.24E-13	1.04E-09	2.00E-08
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.84E-13	2.23E-09	6.10E-08
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.22E-12	2.84E-08	1.48E-08
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.76E-12	1.69E-08	7.85E-09
11/6/98 10:07	OINCLarge	MID	Kankawlin River	7.30E-01	0.00E+00	3.00E+01					

Inputs Used for Base Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)
11/6/98 10.14	OINCSmall	340 Proctor Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.10E-12	9.12E-09	1.02E-08
11/6/98 10.14	OINCSmall	340 Fish Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.48E-12	2.48E-09	4.71E-09
11/6/98 10.15	OINCSmall	340 Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.81E-12	4.56E-09	5.57E-09
11/6/98 10.16	OINCSmall	342 Kalamazoo River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.08E-14	4.42E-11	4.48E-09
11/6/98 10.17	OINCSmall	342 East Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.17E-14	1.73E-11	1.31E-09
11/6/98 10.18	OINCSmall	342 Portage Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.83E-14	5.74E-11	6.89E-09
11/6/98 10.19	OINCSmall	342 Portage River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.40E-14	3.73E-11	2.78E-09
11/6/98 10.20	OINCSmall	453 Lake Spivey	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.18E-12	1.25E-09	3.25E-09
11/6/98 10.21	OINCSmall	453 Jester Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.62E-12	6.78E-09	1.60E-08
11/6/98 10.22	OINCSmall	453 Flint River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.24E-12	3.06E-09	3.56E-09
11/6/98 10.23	OINCSmall	468 Wissahickon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.05E-14	8.99E-13	1.80E-08
11/6/98 10.25	OINCSmall	468 Tacony Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.45E-14	6.97E-13	1.25E-08
11/6/98 10.26	OINCSmall	468 Schuykill	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.42E-14	2.21E-12	2.23E-08
11/6/98 19.30	OINCSmall	468 Pickering Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.56E-15	1.38E-12	5.08E-09
11/6/98 19.31	OINCSmall	701 Wabash River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.82E-13	6.93E-11	2.67E-07
11/6/98 19.32	OINCSmall	701 Sugar Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.25E-13	3.59E-11	1.36E-07
11/6/98 19.33	OINCSmall	701 Big Racoon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.42E-13	6.06E-11	2.28E-07
11/6/98 19.34	OINCSmall	704 Garyey Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.37E-12	2.37E-10	9.90E-07
11/6/98 19.35	OINCSmall	704 Logg Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.09E-12	9.96E-11	8.29E-06
11/6/98 19.36	OINCSmall	704 Silver Lake Res.	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.47E-13	1.98E-11	3.18E-07
11/6/98 19.36	OINCSmall	708 Grindle Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.35E-12	1.31E-10	1.29E-06
11/6/98 19.37	OINCSmall	708 Parker Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.90E-11	8.88E-10	1.11E-05
11/6/98 19.38	OINCSmall	708 Tranters Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.27E-13	5.19E-11	5.00E-07
11/6/98 19.39	OINCSmall	725 Passaic River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.60E-16	2.93E-13	3.63E-11
11/6/98 19.40	OINCSmall	725 Silver Lake Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.89E-15	1.57E-12	5.63E-10
11/6/98 19.41	OINCSmall	725 Reservoir No. 2	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.92E-16	1.13E-12	7.20E-11
11/6/98 19.42	OINCSmall	725 Rahway River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-16	1.01E-12	1.84E-11
11/6/98 19.42	OINCSmall	824 Newton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.57E-16	1.40E-12	8.38E-11
11/6/98 19.43	OINCSmall	824 Big Timber Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.97E-16	1.43E-12	4.85E-11
11/6/98 19.44	OINCSmall	824 Darby Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.23E-15	7.52E-13	1.12E-10
11/6/98 19.45	OINCSmall	824 Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.16E-15	9.32E-13	1.05E-10
11/6/98 19.46	OINCSmall	904 Pascagoula River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-13	1.70E-09	3.73E-08
11/6/98 19.47	OINCSmall	904 Escatawpa River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.60E-13	2.06E-09	4.35E-08
11/6/98 19.48	OINCSmall	906 Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.03E-12	3.45E-09	0.00E+00
11/6/98 19.48	OINCSmall	906 Cooperas Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.18E-12	1.58E-09	0.00E+00
11/6/98 19.49	OINCSmall	906 Eliza Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.28E-13	1.00E+00	0.00E+00
11/6/98 19.50	OINCSmall	906 Muscatine Slough	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.57E-12	4.93E-09	0.00E+00
11/6/98 19.51	OINCSmall	A14 New River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.18E-16	7.56E-14	4.90E-10
11/6/98 19.52	OINCSmall	A14 Bayou Conway	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.50E-16	7.32E-14	3.91E-10
11/6/98 19.53	OINCSmall	A14 Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.09E-16	7.32E-14	3.66E-10
11/6/98 19.54	OINCSmall	A14 Bayou Lafourche	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.63E-16	4.32E-14	1.85E-10
11/6/98 19.55	OINCSmall	A26 Big Creek (Includes Sulfur Spring Creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.13E-11	1.46E-08	5.09E-09
11/6/98 19.55	OINCSmall	A26 Cane Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.60E-13	6.60E-09	1.33E-09
11/6/98 19.56	OINCSmall	A26 Dots Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.43E-12	3.48E-09	4.04E-10
11/6/98 19.57	OINCSmall	A31 Nottaway River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.71E-13	1.14E-10	5.07E-07
11/6/98 19.58	OINCSmall	A31 Chowan River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.65E-13	4.21E-11	3.39E-07
11/6/98 19.59	OINCSmall	A31 Nottaway Swamp (a creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.22E-12	1.73E-10	1.43E-06
11/6/98 20.00	OINCSmall	A45 Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.73E-13	1.90E-10	1.05E-08
11/6/98 20.01	OINCSmall	A45 Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.69E-15	2.82E-12	2.28E-09
11/6/98 20.02	OINCSmall	A45 Greens Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.87E-13	2.28E-10	1.16E-08
11/6/98 20.02	OINCSmall	A45 Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.70E-13	4.63E-10	2.17E-08
11/6/98 20.03	OINCSmall	A46 Little Muskingum River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.09E-12	6.89E-09	0.00E+00
11/6/98 20.04	OINCSmall	A46 Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.99E-12	1.56E-08	0.00E+00
11/6/98 20.05	OINCSmall	A46 Middle Island Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.00E-12	9.75E-09	0.00E+00
11/6/98 20.06	OINCSmall	A47 Caney River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-14	4.25E-11	6.01E-11
11/6/98 20.07	OINCSmall	A47 Sand Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.09E-14	8.51E-11	1.13E-10
11/6/98 20.08	OINCSmall	A47 Bar-Dew Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.61E-14	7.76E-11	1.72E-10
11/6/98 20.09	OINCSmall	A47 Lake Hudson	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.80E-14	6.34E-11	1.04E-10
11/6/98 20.09	OINCSmall	A55 Mohawk River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.68E-14	8.33E-11	1.01E-10
11/6/98 20.10	OINCSmall	A55 Acplause Kill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.33E-14	5.25E-11	8.91E-11
11/6/98 20.11	OINCSmall	A55 Stony Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.53E-14	2.59E-11	3.11E-11
11/6/98 20.12	OINCSmall	A55 Waterlief Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.35E-14	8.71E-11	5.05E-11
11/6/98 20.13	OINCSmall	B18 Gulf Interoceanal Waterway	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.25E-14	2.76E-10	2.24E-11
11/6/98 20.14	OINCSmall	B18 Bayou La Butte	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.68E-13	1.76E-09	2.02E-10
11/6/98 20.15	OINCSmall	B18 Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.22E-14	4.12E-10	3.77E-11
11/6/98 20.16	OINCSmall	B18 Bayou Manchac	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.35E-14	4.12E-10	2.04E-11
11/6/98 20.16	OINCSmall	B23 Hillbrandt Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.27E-14	1.80E-10	2.68E-09
11/6/98 20.17	OINCSmall	B23 Cow Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.98E-14	3.45E-10	3.45E-09
11/6/98 20.18	OINCSmall	B23 Neches River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.90E-14	1.55E-10	3.83E-09
11/6/98 20.19	OINCSmall	B23 Port Arthur Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.08E-13	4.54E-10	9.67E-09
11/6/98 19.35	OINCSmall	B31 Wassahickon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.01E-12	8.03E-10	3.61E-07
11/6/98 19.36	OINCSmall	B31 Neshaminy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.09E-13	5.00E-10	1.41E-07
11/6/98 19.37	OINCSmall	B31 Peace Valley Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.03E-13	2.88E-10	6.84E-08
11/6/98 19.38	OINCSmall	B31 Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.02E-13	3.90E-10	1.32E-07
11/6/98 20.23	OINCSmall	B32 Cedar Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.92E-13	6.15E-11	2.85E-07
11/6/98 20.24	OINCSmall	B32 Cary Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.94E-13	6.69E-07	6.69E-07
11/6/98 20.25	OINCSmall	B32 Goose Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-13	4.39E-11	2.20E-07
11/6/98 20.26	OINCSmall	B37 Arkansas River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.80E-14	1.54E-10	1.98E-10
11/6/98 20.27	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.33E-14	5.90E-11	5.66E-11
11/6/98 20.28	OINCSmall	B37 Yellow Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.02E-13	5.69E-10	7.89E-10
11/6/98 20.29	OINCSmall	B37 Lake Pine Bluff	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-14	1.67E-10	1.16E-10
11/6/98 20.30	OINCSmall	B44 Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.14E-14	1.42E-11	1.21E-08
11/6/98 20.31	OINCSmall	B44 Greens Bayou	7.30E-01	0.00E+00						

Inputs Used for Base Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.69E-14	1.52E-09	3.59E-11
11/6/98 20:36	OINCSmall TOC	Soldier Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.83E-13	2.35E-09	1.63E-10

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98	7-43	CINC	209	Lawsons Fork Creek	3.10E-11	4.38E-10	1.82E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00
11/6/98	7-44	CINC	209	Tyger River	8.14E-11	1.46E-09	2.85E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00
11/6/98	7-45	CINC	209	Fair Forest Creek	4.51E-11	8.21E-10	3.09E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00
11/6/98	7-45	CINC	209	Middle Tyger River	4.16E-11	6.04E-10	1.39E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00
11/6/98	7-46	CINC	214	Fish Ponds	1.89E-09	3.25E-08	3.25E-08	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00
11/6/98	7-47	CINC	214	Lake Clause	3.45E-09	4.37E-08	8.61E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00
11/6/98	7-48	CINC	214	University Lake/ City Park Lake	1.37E-09	2.30E-08	4.62E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00
11/6/98	7-48	CINC	214	Comite River	1.74E-09	2.53E-08	4.01E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00
11/6/98	7-49	CINC	221	Highlands Reservoir	2.08E-08	3.86E-10	9.71E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	7-50	CINC	221	Sheldon Reservoir	3.05E-08	6.25E-10	2.60E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	7-51	CINC	221	San Jacinto River / Houston Lake	5.01E-08	9.98E-10	2.86E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	7-52	CINC	324	Shades Creek	4.37E-10	2.65E-13	2.65E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00
11/6/98	7-52	CINC	324	Valley Creek	6.55E-10	3.75E-08	6.73E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00
11/6/98	7-53	CINC	324	Bayview Lake	1.31E-09	3.60E-08	4.94E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00
11/6/98	7-54	CINC	324	Cahaba River	2.86E-10	5.22E-09	1.12E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00
11/6/98	7-55	CINC	325	Big Hill Creek	7.25E-10	4.78E-07	1.15E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00
11/6/98	7-56	CINC	325	Potato Creek	1.06E-09	7.52E-07	3.23E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00
11/6/98	7-57	CINC	325	Claymore Creek	2.83E-09	4.35E-06	3.37E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00
11/6/98	7-58	CINC	325	Verdigris River	7.42E-10	4.26E-07	6.32E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00
11/6/98	7-59	CINC	331	Rocky River	1.50E-09	6.39E-08	5.91E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00
11/6/98	8-00	CINC	331	East Branch Black River	2.06E-09	5.86E-08	4.24E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00
11/6/98	8-01	CINC	331	Wyleswood Lake	1.86E-09	9.09E-08	7.15E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00
11/6/98	8-02	CINC	331	Baldwin Lake	1.30E-09	5.19E-08	5.35E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00
11/6/98	8-03	CINC	359	Kentucky River	4.56E-07	4.56E-07	2.24E-10	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00
11/6/98	8-04	CINC	359	Indian Creek	3.56E-07	0.00E+00	1.80E-10	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00
11/6/98	8-05	CINC	359	Indian Kentuck Creek	1.52E-07	0.00E+00	6.12E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00
11/6/98	8-06	CINC	359	Ohio River	3.87E-07	0.00E+00	1.79E-10	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00
11/6/98	8-07	CINC	A15	Tonawanda Creek	1.02E-09	1.41E-08	6.12E-13	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.18E+00
11/6/98	8-08	CINC	A15	Murder Creek	1.52E-09	2.44E-08	6.58E-13	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.18E+00
11/6/98	8-09	CINC	A15	Ellicott Creek	2.26E-09	4.01E-08	1.09E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.18E+00
11/6/98	8-10	CINC	A18	Taylor Bayou	0.00E+00	4.73E-10	1.20E-03	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	8-11	CINC	A18	Hillebrandt Bayou	1.08E-06	0.00E+00	3.69E-10	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	8-12	CINC	A18	Viterbo Reservoir	1.40E-06	0.00E+00	5.06E-10	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	8-13	CINC	CAL	Tennessee River	7.27E-07	1.55E-10	1.55E-10	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-14	CINC	CAL	Kentucky Lake	1.80E-06	1.41E-06	3.51E-10	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-15	CINC	CAL	Barkley Lake	5.02E-07	1.95E-07	1.95E-07	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-16	CINC	CAL	Cumberland River	5.19E-07	4.00E-07	1.79E-10	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-17	CINC	ELD	Flat Creek	8.49E-08	0.00E+00	4.59E-11	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00
11/6/98	8-19	CINC	ELD	Salt Creek	5.90E-08	0.00E+00	2.98E-11	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00
11/6/98	8-19	CINC	ELD	Callon Lake	2.36E-08	0.00E+00	8.95E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00
11/6/98	8-20	CINC	ELD	Ouachita River	1.65E-08	0.00E+00	7.63E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00
11/6/98	8-21	CINC	SAU	Horseshoe Lake	1.27E-09	2.22E-08	4.75E-13	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.12E+00
11/6/98	8-22	CINC	SAU	Old Cahokia Creek	2.05E-09	4.00E-08	4.00E-08	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.12E+00
11/6/98	8-23	CINC	SAU	Mississippi River	6.26E-09	1.64E-07	1.37E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.12E+00
11/6/98	8-24	CK	202	Elk City Lake	1.87E-09	1.53E-08	2.00E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.10E+00
11/6/98	8-25	CK	202	Montgomery County State Park Lake	4.81E-09	1.08E-07	5.80E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.10E+00
11/6/98	8-26	CK	202	Verdigris River	2.44E-09	5.96E-08	5.34E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.10E+00
11/6/98	8-26	CK	203	Catalpa Creek	1.95E-08	8.79E-08	2.17E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00
11/6/98	8-27	CK	203	Silver Creek	2.04E-08	2.78E-08	1.50E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00
11/6/98	8-28	CK	203	N. Branch Magawah Creek	2.09E-07	6.47E-06	1.88E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00
11/6/98	8-29	CK	203	Shotbag Creek	2.23E-08	2.02E-07	1.91E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00
11/6/98	8-30	CK	204	Bay Creek	8.37E-08	9.99E-13	9.99E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00
11/6/98	8-30	CK	204	Little Calumet Creek	4.45E-08	7.73E-07	6.52E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00
11/6/98	8-31	CK	204	Upper and Lower Swan Lake	1.85E-08	1.64E-07	8.76E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00
11/6/98	8-32	CK	204	Mississippi River	2.69E-08	2.86E-07	2.86E-07	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00
11/6/98	8-33	CK	302	Maumee River	6.19E-09	6.68E-08	1.48E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.60E+00
11/6/98	8-34	CK	302	Auglaize River	3.94E-09	2.82E-08	1.45E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.60E+00
11/6/98	8-34	CK	302	Six Mile Creek	1.07E-08	1.84E-07	3.28E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.60E+00
11/6/98	8-35	CK	304	Big Walnut Creek	2.04E-08	3.28E-06	9.63E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-36	CK	304	Glenn Flint Lake	1.39E-08	8.70E-07	7.03E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-37	CK	304	Dear Creek	1.97E-08	2.19E-06	1.13E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	8-38	CK	320	Mud Devils Lake	1.19E-07	2.51E-06	4.54E-12	1.20E-03	1.80E-04	8.20E-05	2.79E+02	4.10E+00
11/6/98	8-38	CK	320	Thunder Bay River	7.53E-08	1.57E-06	2.94E-12	1.20E-03	1.80E-04	8.20E-05	2.79E+02	4.10E+00
11/6/98	8-39	CK	320	Long Lake	3.43E-08	3.39E-07	3.22E-12	1.20E-03	1.80E-04	8.20E-05	2.79E+02	4.10E+00
11/6/98	8-40	CK	321	Black Warrior River (most inclusive data)	5.28E-08	1.56E-06	3.00E-11	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00
11/6/98	8-41	CK	321	Powell Creek	2.96E-08	5.48E-07	2.59E-11	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00
11/6/98	8-42	CK	321	Lake Demopolis	2.82E-07	5.92E-05	4.75E-11	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00
11/6/98	8-42	CK	321	Lake Henry	3.83E-08	8.94E-07	3.83E-07	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00
11/6/98	8-43	CK	BAT	Monocacy Creek	1.13E-08	3.82E-07	1.31E-12	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.10E+00
11/6/98	8-44	CK	BAT	Lehigh River	3.56E-09	3.42E-08	6.40E-13	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.10E+00
11/6/98	8-45	CK	CHA	Allen Lake	3.02E-07	3.90E-06	2.69E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.14E+00
11/6/98	8-46	CK	CHA	Sante Fe Lake	4.69E-07	8.65E-06	1.88E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.14E+00
11/6/98	8-47	CK	CHA	Neosho River	1.46E-07	1.44E-06	2.09E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.14E+00
11/6/98	8-48	CK	FOR	Walnut Bayou	6.67E-07	6.67E-07	2.72E-05	1.20E-03	1.80E-04	8.20E-05	2.55E+02	4.61E+00
11/6/98	8-48	CK	FOR	West Flat Creek	1.25E-07	1.19E-06	2.93E-11	1.20E-03	1.80E-04	8.20E-05	2.55E+02	4.61E+00
11/6/98	8-49	CK	FOR	Hamilton Lake	6.30E-07	8.12E-06	2.86E-11	1.20E-03	1.80E-04	8.20E-05	2.55E+02	4.61E+00
11/6/98	8-50	CK	FRE	Salt Creek	3.96E-08	4.78E-07	8.86E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.18E+00
11/6/98	8-51	CK	FRE	Verdigris River	6.15E-08	1.55E-06	2.02E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.18E+00
11/6/98	8-51	CK	FRE	Fall River	1.65E-08	9.64E-08	9.54E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.18E+00
11/6/98	8-52	CK	HAR	Indian Field Swamp</								

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98 8:59	CK	TEX	Waxahachie Creek	2.13E-09	3.70E-07	7.57E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	5.66E+00	
11/6/98 9:00	CK	WAM	Cornquessing Creek	6.01E-08	5.95E-06	4.97E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:00	CK	WAM	Hereford Manor Lake	4.20E-08	2.92E-06	1.20E-03	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:01	CK	WAM	Beaver River	1.90E-07	4.21E-05	3.29E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.05E-09	1.42E-05	1.07E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:04	LWAK	ARV	James River	5.70E-10	1.52E-08	2.60E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 9:04	LWAK	ARV	Sports Lake	1.77E-10	1.93E-09	1.32E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 9:05	LWAK	ARV	Holman Creek	7.31E-10	1.80E-08	9.43E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 9:06	LWAK	ARV	Rivanna River	1.93E-10	1.81E-09	2.21E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	2.44E-07	1.35E-05	3.13E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 9:08	LWAK	BRO	McNeely Lake	2.18E-08	2.37E-07	1.68E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 9:09	LWAK	BRO	Silver Lake	1.85E-08	1.59E-07	8.21E-12	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	2.88E-08	4.33E-07	1.58E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 9:10	LWAK	CAS	Cascade Creek	8.26E-09	1.60E-07	2.20E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00	
11/6/98 9:11	LWAK	CAS	Smith River	4.31E-09	4.10E-08	1.31E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00	
11/6/98 9:12	LWAK	CAS	Dan River	5.03E-09	5.25E-08	2.92E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00	
11/6/98 9:13	LWAK	COH	Troy Reservoir	1.84E-08	4.48E-07	3.32E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 9:14	LWAK	COH	Hudson River	7.01E-08	1.67E-06	4.00E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 9:14	LWAK	COH	Mohawk River	6.05E-08	1.86E-06	5.96E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	7.20E-09	4.12E-08	5.41E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.65E-09	2.41E-13	5.91E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00	
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	7.69E-10	4.46E-09	4.44E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00	
11/6/98 9:18	LWAK	NOR	Lake Tillery	3.69E-10	1.68E-09	2.66E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00	
11/6/98 9:19	OINCLarge	334	Mississippi River	3.94E-10	2.64E-08	1.22E-13	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 9:20	OINCLarge	334	Vermilion River	1.49E-10	9.52E-09	6.68E-14	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 9:21	OINCLarge	334	Colby Lake	2.04E-10	1.02E-08	1.05E-13	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 9:22	OINCLarge	334	Lake Isabelle	2.78E-10	2.68E-08	1.55E-13	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 9:23	OINCLarge	463	Blue River	2.54E-08	0.00E+00	1.04E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 9:23	OINCLarge	463	Rock Creek	3.39E-08	0.00E+00	2.31E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 9:24	OINCLarge	463	Shoat Creek	7.17E-09	0.00E+00	5.26E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 9:25	OINCLarge	463	Missouri River	1.12E-08	0.00E+00	5.58E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 9:26	OINCLarge	464	Ottawa River	1.38E-10	2.37E-09	1.35E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	1.20E-10	2.70E-09	2.68E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:28	OINCLarge	464	Metzger/Ferguson Reservoir	1.16E-10	1.85E-14	1.85E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	1.07E-07	0.00E+00	8.40E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 9:29	OINCLarge	504	Darby Creek	6.34E-07	0.00E+00	1.22E-10	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 9:30	OINCLarge	462	Cooper River Lake	1.78E-07	0.00E+00	1.48E-10	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 9:31	OINCLarge	504	Schuykill River	8.72E-07	0.00E+00	2.68E-10	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 9:32	OINCLarge	600	Lake Jackson	3.30E-10	8.41E-08	8.14E-12	1.20E-03	1.80E-04	8.20E-05	2.95E+02	6.20E+00	
11/6/98 9:32	OINCLarge	600	Oyster Creek	3.19E-10	8.04E-08	6.29E-12	1.20E-03	1.80E-04	8.20E-05	2.95E+02	6.20E+00	
11/6/98 9:33	OINCLarge	600	Brazos River	1.29E-09	1.42E-06	9.10E-12	1.20E-03	1.80E-04	8.20E-05	2.95E+02	6.20E+00	
11/6/98 9:34	OINCLarge	711	Brechtel Lake	8.25E-10	1.76E-11	1.47E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 9:35	OINCLarge	711	Mississippi River	1.75E-09	2.90E-13	2.90E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 9:36	OINCLarge	806	Wolf Lake	8.52E-08	0.00E+00	1.83E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 9:37	OINCLarge	806	Lake George	7.64E-08	0.00E+00	2.09E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 9:37	OINCLarge	806	Little Calumet River	3.50E-08	0.00E+00	1.09E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 9:38	OINCLarge	806	Grand Calumet River	4.22E-08	0.00E+00	2.32E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 9:39	OINCLarge	915	Genesee River	2.00E-08	0.00E+00	2.17E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00	
11/6/98 9:40	OINCLarge	915	Iroquoisquit Bay	8.13E-09	0.00E+00	3.95E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00	
11/6/98 9:41	OINCLarge	915	Highland Reservoir	6.48E-09	0.00E+00	8.71E-13	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00	
11/6/98 9:42	OINCLarge	A32	Armand Bayou	3.91E-08	0.00E+00	9.46E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00	
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	2.87E-08	0.00E+00	8.45E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	7.38E-08	0.00E+00	2.41E-11	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	1.03E-07	0.00E+00	3.24E-11	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 9:45	OINCLarge	A43	Niagara River	5.52E-08	0.00E+00	9.69E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 9:46	OINCLarge	A50	Carpenters' Bayou	4.46E-11	1.02E-08	6.55E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	1.59E-11	1.99E-09	2.68E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	5.01E-11	1.59E-08	7.00E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 9:48	OINCLarge	A50	San Jacinto River	2.07E-11	5.05E-09	4.34E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 9:49	OINCLarge	A62	Caney Creek	1.27E-07	0.00E+00	9.99E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	7.51E-07	0.00E+00	2.64E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	9.69E-08	0.00E+00	1.55E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	2.69E-08	0.00E+00	5.44E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	7.50E-09	0.00E+00	2.09E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	3.31E-08	0.00E+00	1.77E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 9:54	OINCLarge	B20	Euclid Creek	7.39E-09	0.00E+00	3.62E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	2.64E-08	0.00E+00	1.70E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 9:56	OINCLarge	HAN	Fabus River	2.39E-08	0.00E+00	2.57E-08	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00	
11/6/98 9:57	OINCLarge	HAN	Spring Lake	3.86E-08	3.22E-08	1.04E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00	
11/6/98 9:57	OINCLarge	HAN	Mississippi River	1.27E-07	2.24E-07	3.69E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00	
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	9.59E-09	1.07E-09	5.83E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	6.71E-09	4.17E-10	5.68E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	8.80E-09	9.09E-10	3.09E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	1.40E-08	1.97E-09	8.02E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 10:02	OINCLarge	MCI	Hals Lake	3.33E-09	6.32E-08	7.38E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	3.06E-08	7.98E-07	3.15E-12	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 10:03	OINCLarge	MCI	Alabama River	1.38E-09	1.45E-08	3.04E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	5.16E-09	1.28E-07	9.05E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	2.89E-08	3.15E-09	6.00E-12	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	1.40E-08	6.67E-10	2.77E-12	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 10:07	OINCLarge	MID	Kankawlin River	1.53E-08	5.31E-10							

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98	10.14	OINCSmall	340	Proctor Creek	1.05E-08	1.14E-09	4.77E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98	10.14	OINCSmall	340	Fish Creek	2.66E-09	9.93E-11	2.65E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98	10.15	OINCSmall	340	Ohio River	1.03E-08	1.40E-09	4.03E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98	10.16	OINCSmall	342	Kalamazoo River	1.38E-09	5.10E-09	6.00E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98	10.17	OINCSmall	342	East Lake	1.73E-11	5.27E-10	1.20E-03	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98	10.18	OINCSmall	342	Portage Creek	5.25E-10	3.98E-09	3.99E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98	10.19	OINCSmall	342	Portage River	2.56E-11	5.71E-10	1.90E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98	10.20	OINCSmall	453	Lake Spivey	1.40E-09	2.72E-11	1.18E-12	1.20E-03	1.80E-04	8.20E-05	2.90E+02	4.61E+00
11/6/98	10.21	OINCSmall	453	Jester Creek	9.89E-09	1.02E-09	7.31E-12	1.20E-03	1.80E-04	8.20E-05	2.90E+02	4.61E+00
11/6/98	10.22	OINCSmall	453	Flint River	3.84E-09	2.80E-10	1.78E-12	1.20E-03	1.80E-04	8.20E-05	2.90E+02	4.61E+00
11/6/98	10.23	OINCSmall	468	Wissahickon Creek	1.35E-12	4.59E-10	3.00E-14	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	10.25	OINCSmall	468	Tacony Creek	5.19E-13	9.90E-11	1.21E-14	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	10.26	OINCSmall	468	Schuykill	2.56E-12	2.41E-09	4.32E-14	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	19.30	OINCSmall	468	Pickering Creek Reservoir	1.38E-12	3.51E-10	5.78E-15	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	19.31	OINCSmall	701	Wabash River	1.90E-09	1.18E-06	2.00E-13	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	19.32	OINCSmall	701	Sugar Creek	4.69E-10	3.42E-07	3.80E-14	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	19.33	OINCSmall	701	Big Racoon Creek	9.14E-10	7.18E-07	1.00E-13	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98	19.34	OINCSmall	704	Garvey Reservoir	2.37E-11	1.21E-08	1.00E-12	1.20E-03	1.80E-04	8.20E-05	2.90E+02	4.13E+00
11/6/98	19.35	OINCSmall	704	Logg Lake	3.96E-11	2.03E-08	8.96E-12	1.20E-03	1.80E-04	8.20E-05	2.90E+02	4.13E+00
11/6/98	19.36	OINCSmall	704	Silver Lake Res.	1.98E-11	2.16E-09	3.40E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	4.13E+00
11/6/98	19.36	OINCSmall	708	Grindle Creek	1.22E-10	3.26E-08	2.42E-12	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00
11/6/98	19.37	OINCSmall	708	Parker Creek	9.79E-10	1.24E-06	2.48E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00
11/6/98	19.38	OINCSmall	708	Tranters Creek	4.05E-11	4.59E-09	7.36E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00
11/6/98	19.39	OINCSmall	725	Passaic River	1.16E-12	4.22E-11	1.16E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98	19.40	OINCSmall	725	Silver Lake Reservoir	1.55E-12	4.59E-10	1.87E-15	1.20E-03	1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98	19.41	OINCSmall	725	Reservoir No. 2	1.13E-12	5.36E-11	4.90E-16	1.20E-03	1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98	19.42	OINCSmall	725	Rahway River	1.28E-12	1.68E-11	1.45E-16	1.20E-03	1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98	19.42	OINCSmall	824	Newton Lake	1.68E-12	5.48E-11	1.05E-15	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	19.43	OINCSmall	824	Big Timber Creek	1.38E-12	2.35E-11	4.24E-16	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	19.44	OINCSmall	824	Darby Creek	8.60E-13	1.26E-15	6.05E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	19.45	OINCSmall	824	Schuykill River	1.25E-12	6.61E-11	1.77E-15	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98	19.46	OINCSmall	904	Pascagoula River	1.42E-08	2.63E-08	3.21E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.60E+00
11/6/98	19.47	OINCSmall	904	Escatawpa River	1.34E-07	4.03E-08	3.45E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.60E+00
11/6/98	19.48	OINCSmall	906	Mississippi River	5.39E-09	3.29E-12	1.20E-03	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98	19.48	OINCSmall	906	Coopers Creek	1.70E-09	0.00E+00	1.77E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98	19.49	OINCSmall	906	Eliza Creek	9.45E-10	0.00E+00	6.14E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98	19.50	OINCSmall	906	Muscataine Slough	4.21E-09	0.00E+00	4.97E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98	19.51	OINCSmall	A14	New River	5.91E-14	1.11E-11	4.63E-16	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	19.52	OINCSmall	A14	Bayou Conway	6.48E-14	1.47E-11	5.85E-16	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	19.53	OINCSmall	A14	Mississippi River	6.80E-14	1.45E-16	6.45E-16	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	19.54	OINCSmall	A14	Bayou Lafourche	4.60E-14	6.08E-12	3.86E-16	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	19.55	OINCSmall	A26	Big Creek (includes Sulfur Spring Creek)	7.12E-09	2.09E-09	3.51E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98	19.55	OINCSmall	A26	Carter Creek	1.93E-09	1.93E-09	9.30E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98	19.56	OINCSmall	A26	Dota Creek	3.21E-09	1.90E-10	1.24E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98	19.57	OINCSmall	A31	Nottaway River	1.25E-10	7.07E-08	9.05E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.58E+00
11/6/98	19.58	OINCSmall	A31	Chowan River	4.36E-11	1.25E-08	5.79E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.58E+00
11/6/98	19.59	OINCSmall	A31	Nottaway Swamp (a creek)	3.37E-10	3.54E-07	4.12E-12	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.58E+00
11/6/98	20.00	OINCSmall	A45	Sheldon Reservoir	1.90E-10	4.47E-09	1.74E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	20.01	OINCSmall	A45	Highlands Reservoir	5.71E-10	5.95E-10	4.95E-14	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	20.02	OINCSmall	A45	Greens Bayou	3.42E-10	6.16E-09	2.22E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	20.02	OINCSmall	A45	Buffalo Bayou	5.90E-10	1.42E-08	4.40E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98	20.03	OINCSmall	A46	Little Muskingum River	6.72E-09	0.00E+00	2.79E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98	20.04	OINCSmall	A46	Ohio River	2.17E-08	0.00E+00	1.08E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98	20.05	OINCSmall	A46	Middle Island Creek	1.11E-08	0.00E+00	3.93E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98	20.06	OINCSmall	A47	Caney River	5.67E-11	9.49E-12	4.06E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98	20.07	OINCSmall	A47	Sand Creek	1.03E-10	7.35E-12	5.57E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98	20.08	OINCSmall	A47	Bar-Dew Lake	7.09E-11	2.50E-12	9.68E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98	20.09	OINCSmall	A47	Lake Hudson	9.34E-11	9.59E-12	1.29E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98	20.09	OINCSmall	A55	Mohawk River	1.73E-10	3.21E-11	8.61E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98	20.10	OINCSmall	A55	Acplause Kill River	4.61E-11	1.46E-11	4.12E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98	20.11	OINCSmall	A55	Stony Creek Reservoir	2.43E-11	2.93E-13	1.55E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98	20.12	OINCSmall	A55	Waterliet Reservoir	4.36E-11	1.50E-12	1.35E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98	20.13	OINCSmall	B18	Gulf Intercostal Waterway	2.46E-10	4.77E-12	6.04E-14	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	20.14	OINCSmall	B18	Bayou La Butte	1.50E-09	8.37E-11	3.98E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	20.15	OINCSmall	B18	Mississippi River	4.12E-10	1.38E-11	9.30E-14	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	20.16	OINCSmall	B18	Bayou Manchac	2.13E-10	3.40E-12	3.98E-14	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98	20.16	OINCSmall	B23	Hillbrandt Bayou	1.76E-10	9.67E-10	2.73E-14	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	20.17	OINCSmall	B23	Cow Bayou	1.82E-10	1.03E-09	1.20E-14	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	20.18	OINCSmall	B23	Neches River	1.67E-09	4.65E-14	8.65E-14	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	20.19	OINCSmall	B23	Port Arthur Reservoir	4.58E-10	4.71E-09	1.09E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98	19.35	OINCSmall	B31	Wassahickon Creek	2.56E-09	1.50E-07	1.90E-12	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.15E+00
11/6/98	19.36	OINCSmall	B31	Neshaminy Creek	3.94E-10	4.74E-09	3.39E-13	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.15E+00
11/6/98	19.37	OINCSmall	B31	Peasco Valley Reservoir	3.03E-10	2.87E-09	2.14E-13	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.15E+00
11/6/98	19.38	OINCSmall	B32	Schuykill River	6.97E-10	1.97E-09	7.59E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98	20.23	OINCSmall	B32	Cedar Bayou	8.96E-11	5.23E-08	6.71E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98	20.24	OINCSmall	B32	Cary Bayou	9.40E-11	4.65E-08	1.02E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98	20.25	OINCSmall	B32	Goose Creek	5.01E-11	1.41E-08	3.15E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98	20.26	OINCSmall	B37	Arkansas River	1.18E-10							

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa	air density, g/cm3	ua	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98 20:35	OINCSmall	TOO	Blue Lakes	1.50E-09	4.44E-12	3.72E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	4.62E+00	
11/6/98 20:36	OINCSmall	TOO	Soldier Creek	2.42E-09	7.37E-12	1.94E-13	1.20E-03	1.80E-04	8.20E-05	2.84E+02	4.62E+00	

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L/water/Lsoil volume)
11/6/98 7.43	CINC 209	Lawsons Fork Creek	2.98E+02	1.00E+00	2.40E+01	1.67E+02	1.43E+06	2.30E-01	2.20E-01
11/6/98 7.44	CINC 209	Tyger River	2.98E+02	1.00E+00	6.81E+01	4.73E+02	4.05E+06	2.30E-01	2.20E-01
11/6/98 7.45	CINC 209	Fair Forest Creek	2.98E+02	1.00E+00	3.58E+01	2.49E+02	2.13E+06	2.30E-01	2.20E-01
11/6/98 7.45	CINC 209	Middle Tyger River	2.98E+02	1.00E+00	7.78E+00	5.40E+01	4.62E+05	2.30E-01	2.20E-01
11/6/98 7.46	CINC 214	Fish Ponds	2.98E+02	1.00E+00	5.32E-01	3.59E+00	2.46E+04	2.30E-01	2.20E-01
11/6/98 7.47	CINC 214	Lake Clause	2.98E+02	1.00E+00	2.57E+00	1.44E+01	1.19E+05	2.30E-01	2.20E-01
11/6/98 7.48	CINC 214	University Lake/ City Park Lake	2.98E+02	1.00E+00	4.49E-01	2.52E+00	2.07E+04	2.30E-01	2.20E-01
11/6/98 7.48	CINC 214	Comite River	2.98E+02	1.00E+00	5.77E+01	3.24E+02	2.67E+06	2.30E-01	2.20E-01
11/6/98 7.49	CINC 221	Highlands Reservoir	2.98E+02	1.00E+00	1.11E+00	5.21E+00	4.10E+04	2.30E-01	2.20E-01
11/6/98 7.50	CINC 221	Sheldon Reservoir	2.98E+02	1.00E+00	1.13E+00	5.30E+00	4.17E+04	2.30E-01	2.20E-01
11/6/98 7.51	CINC 221	San Jacinto River / Houston Lake	2.98E+02	1.00E+00	1.10E+00	1.10E+02	8.69E+05	2.30E-01	2.20E-01
11/6/98 7.52	CINC 324	Shades Creek	2.98E+02	1.00E+00	6.04E+01	1.63E+02	1.83E+06	2.30E-01	2.20E-01
11/6/98 7.52	CINC 324	Valley Creek	2.98E+02	1.00E+00	1.94E+02	3.93E+02	2.00E+06	2.30E-01	2.20E-01
11/6/98 7.53	CINC 324	Bayview Lake	2.98E+02	1.00E+00	7.83E+01	1.59E+02	8.09E+05	2.30E-01	2.20E-01
11/6/98 7.54	CINC 324	Cahaba River	2.98E+02	1.00E+00	7.30E+01	1.48E+02	7.53E+05	2.30E-01	2.20E-01
11/6/98 7.55	CINC 325	Big Hill Creek	2.98E+02	1.00E+00	4.47E+00	1.12E+02	1.07E+06	2.30E-01	2.20E-01
11/6/98 7.56	CINC 325	Potato Creek	2.98E+02	1.00E+00	1.77E+00	4.44E+01	4.26E+05	2.30E-01	2.20E-01
11/6/98 7.57	CINC 325	Claymore Creek	2.98E+02	1.00E+00	1.39E+00	3.49E+01	3.33E+05	2.30E-01	2.20E-01
11/6/98 7.58	CINC 325	Verdigris River	2.98E+02	1.00E+00	4.04E+01	1.01E+03	9.70E+06	2.30E-01	2.20E-01
11/6/98 7.59	CINC 331	Rocky River	2.98E+02	1.00E+00	2.47E+01	3.30E+02	3.05E+06	2.30E-01	2.20E-01
11/6/98 8.00	CINC 331	East Branch Black River	2.98E+02	1.00E+00	1.94E+01	2.58E+02	2.39E+06	2.30E-01	2.20E-01
11/6/98 8.01	CINC 331	Wyleswood Lake	2.98E+02	1.00E+00	6.28E-03	8.38E-02	7.75E+02	2.30E-01	2.20E-01
11/6/98 8.02	CINC 331	Baldwin Lake	2.98E+02	1.00E+00	2.32E+00	3.09E+01	2.86E+05	2.30E-01	2.20E-01
11/6/98 8.03	CINC 359	Kentucky River	2.98E+02	1.00E+00	5.98E+01	4.67E+02	4.16E+06	2.30E-01	2.20E-01
11/6/98 8.04	CINC 359	Indian Creek	2.98E+02	1.00E+00	1.26E+01	1.16E+02	1.03E+06	2.30E-01	2.20E-01
11/6/98 8.05	CINC 359	Indian Kentucky Creek	2.98E+02	1.00E+00	1.23E+01	1.13E+02	1.01E+06	2.30E-01	2.20E-01
11/6/98 8.06	CINC 359	Ohio River	2.98E+02	1.00E+00	5.51E+01	5.08E+02	4.51E+06	2.30E-01	2.20E-01
11/6/98 8.07	CINC A15	Tonawanda Creek	2.98E+02	1.00E+00	6.29E+01	4.37E+02	3.74E+06	2.30E-01	2.20E-01
11/6/98 8.08	CINC A15	Murder Creek	2.98E+02	1.00E+00	1.54E+01	1.07E+02	9.15E+05	2.30E-01	2.20E-01
11/6/98 8.09	CINC A15	Ellicott Creek	2.98E+02	1.00E+00	2.97E+01	2.69E+02	2.30E+06	2.30E-01	2.20E-01
11/6/98 8.10	CINC A18	Taylor Bayou	2.98E+02	1.00E+00	1.94E+00	3.88E+02	3.86E+06	2.30E-01	2.20E-01
11/6/98 8.11	CINC A18	Hillebrandt Bayou	2.98E+02	1.00E+00	1.09E+00	2.17E+02	2.16E+06	2.30E-01	2.20E-01
11/6/98 8.12	CINC A18	Viterbo Reservoir	2.98E+02	1.00E+00	1.82E-02	3.63E+00	3.62E+04	2.30E-01	2.20E-01
11/6/98 8.13	CINC CAL	Tennessee River	2.98E+02	1.00E+00	5.81E+01	5.33E+02	4.75E+06	2.30E-01	2.20E-01
11/6/98 8.14	CINC CAL	Kentucky Lake	2.98E+02	1.00E+00	1.58E+01	1.45E+02	1.29E+06	2.30E-01	2.20E-01
11/6/98 8.15	CINC CAL	Barkley Lake	2.98E+02	1.00E+00	1.15E+01	1.05E+02	9.36E+05	2.30E-01	2.20E-01
11/6/98 8.16	CINC CAL	Cumberland River	2.98E+02	1.00E+00	3.38E+01	3.19E+02	2.76E+06	2.30E-01	2.20E-01
11/6/98 8.17	CINC ELD	Flat Creek	2.98E+02	1.00E+00	1.35E+01	9.37E+01	8.02E+05	2.30E-01	2.20E-01
11/6/98 8.19	CINC ELD	Salt Creek	2.98E+02	1.00E+00	6.79E+00	4.72E+01	4.04E+05	2.30E-01	2.20E-01
11/6/98 8.19	CINC ELD	Calton Lake	2.98E+02	1.00E+00	6.95E+00	4.82E+01	4.13E+05	2.30E-01	2.20E-01
11/6/98 8.20	CINC ELD	Ouachita River	2.98E+02	1.00E+00	5.16E+01	3.58E+02	3.06E+06	2.30E-01	2.20E-01
11/6/98 8.21	CINC SAU	Horseshoe Lake	2.98E+02	1.00E+00	1.25E+01	2.37E+01	1.12E+05	2.30E-01	2.20E-01
11/6/98 8.22	CINC SAU	Old Cahokia Creek	2.98E+02	1.00E+00	2.24E+00	2.39E+00	1.12E+04	2.30E-01	2.20E-01
11/6/98 8.23	CINC SAU	Mississippi River	2.98E+02	1.00E+00	5.78E+02	1.10E+03	5.21E+06	2.30E-01	2.20E-01
11/6/98 8.24	CK 202	Elk City Lake	2.98E+02	1.00E+00	7.27E+00	9.70E+01	8.97E+05	2.30E-01	2.20E-01
11/6/98 8.25	CK 202	Montgomery County State Park Lake	2.98E+02	1.00E+00	9.85E-01	1.31E+01	1.21E+05	2.30E-01	2.20E-01
11/6/98 8.26	CK 202	Verdigris River	2.98E+02	1.00E+00	6.73E+01	8.98E+02	8.31E+06	2.30E-01	2.20E-01
11/6/98 8.26	CK 203	Catalpa Creek	2.98E+02	1.00E+00	1.41E+00	2.82E+02	2.80E+06	2.30E-01	2.20E-01
11/6/98 8.27	CK 203	Gilmer Creek	2.98E+02	1.00E+00	1.26E+01	1.26E+02	1.30E+06	2.30E-01	2.20E-01
11/6/98 8.28	CK 203	N. Branch Magalloway Creek	2.98E+02	1.00E+00	1.81E-01	3.62E+01	3.60E+05	2.30E-01	2.20E-01
11/6/98 8.29	CK 203	Shotbag Creek	2.98E+02	1.00E+00	3.77E-01	7.53E+01	7.49E+05	2.30E-01	2.20E-01
11/6/98 8.30	CK 204	Bay Creek	2.98E+02	1.00E+00	4.80E+00	1.23E+02	1.18E+06	2.30E-01	2.20E-01
11/6/98 8.30	CK 204	Little Calumet Creek	2.98E+02	1.00E+00	8.83E-01	2.28E+01	2.18E+05	2.30E-01	2.20E-01
11/6/98 8.31	CK 204	Upper and Lower Swan Lake	2.98E+02	1.00E+00	2.04E-01	5.23E+00	5.03E+04	2.30E-01	2.20E-01
11/6/98 8.32	CK 204	Mississippi River	2.98E+02	1.00E+00	3.61E+01	9.26E+02	8.30E+06	2.30E-01	2.20E-01
11/6/98 8.33	CK 302	Maumee River	2.98E+02	1.00E+00	1.99E+01	4.98E+02	4.78E+06	2.30E-01	2.20E-01
11/6/98 8.34	CK 302	Auglaize River	2.98E+02	1.00E+00	2.61E+01	6.53E+02	6.27E+06	2.30E-01	2.20E-01
11/6/98 8.34	CK 302	Six Mile Creek	2.98E+02	1.00E+00	2.61E+00	6.53E+01	6.27E+05	2.30E-01	2.20E-01
11/6/98 8.35	CK 304	Big Walnut Creek	2.98E+02	1.00E+00	3.15E+01	4.19E+02	3.88E+06	2.30E-01	2.20E-01
11/6/98 8.36	CK 304	Glenn Flint Lake	2.98E+02	1.00E+00	3.02E+00	4.03E+01	3.72E+05	2.30E-01	2.20E-01
11/6/98 8.37	CK 304	Deer Creek	2.98E+02	1.00E+00	1.68E+01	2.24E+02	2.07E+06	2.30E-01	2.20E-01
11/6/98 8.38	CK 320	Mud Davis Lake	2.98E+02	1.00E+00	1.35E+01	8.44E+01	7.09E+05	2.30E-01	2.20E-01
11/6/98 8.38	CK 320	Thunder Bay River	2.98E+02	1.00E+00	5.69E+01	3.56E+02	2.99E+06	2.30E-01	2.20E-01
11/6/98 8.39	CK 320	Long Lake	2.98E+02	1.00E+00	9.76E+00	6.10E+01	5.12E+05	2.30E-01	2.20E-01
11/6/98 8.40	CK 321	Black Warrior River (most inclusive data)	2.98E+02	1.00E+00	3.14E+01	4.25E+02	3.93E+06	2.30E-01	2.20E-01
11/6/98 8.41	CK 321	Powell Creek	2.98E+02	1.00E+00	1.01E+01	1.37E+02	1.26E+06	2.30E-01	2.20E-01
11/6/98 8.42	CK 321	Lake Demopolis	2.98E+02	1.00E+00	3.14E+01	4.25E+02	3.93E+06	2.30E-01	2.20E-01
11/6/98 8.42	CK 321	Lake Henry	2.98E+02	1.00E+00	6.07E-01	6.86E+00	6.36E+04	2.30E-01	2.20E-01
11/6/98 8.43	CK BAT	Monocacy Creek	2.98E+02	1.00E+00	4.88E+00	1.22E+02	1.17E+06	2.30E-01	2.20E-01
11/6/98 8.44	CK BAT	Lehigh River	2.98E+02	1.00E+00	3.27E+01	8.19E+02	7.86E+06	2.30E-01	2.20E-01
11/6/98 8.45	CK CHA	Allen Lake	2.98E+02	1.00E+00	1.45E-01	1.33E+00	1.19E+04	2.30E-01	2.20E-01
11/6/98 8.46	CK CHA	Sante Fe Lake	2.98E+02	1.00E+00	1.04E+00	9.53E+00	8.50E+04	2.30E-01	2.20E-01
11/6/98 8.47	CK CHA	Necosho River	2.98E+02	1.00E+00	9.85E+01	9.04E+02	8.05E+06	2.30E-01	2.20E-01
11/6/98 8.47	CK FOR	Walnut Bayou	2.98E+02	1.00E+00	3.38E+02	3.44E+02	3.31E+06	2.30E-01	2.20E-01
11/6/98 8.48	CK FOR	West Flat Creek	2.98E+02	1.00E+00	1.75E+00	4.38E+01	4.21E+05	2.30E-01	2.20E-01
11/6/98 8.49	CK FOR	Hamilton Lake	2.98E+02	1.00E+00	2.41E-01	6.02E+00	5.78E+04	2.30E-01	2.20E-01
11/6/98 8.50	CK FRE	Salt Creek	2.98E+02	1.00E+00	1.95E+00	4.88E+01	4.68E+05	2.30E-01	2.20E-01
11/6/98 8.51	CK FRE	Verdigris River	2.98E+02	1.00E+00	1.92E+01	4.80E+02	4.61E+06	2.30E-01	2.20E-01
11/6/98 8.51	CK FRE	Fall River	2.98E+02	1.00E+00	1.66E+01	4.16E+02	3.99E+06	2.30E-01	2.20E-01
11/6/98 8.52	CK HAR	Indian Field Swamp	2.98E+02	1.00E+00	9.62E-02	9.62E-01	9.24E+03	2.30E-01	2.20E-01
11/6/98 8.53	CK HAR	Walnut Branch	2.98E+02	1.00E+00	1.07E+02	2.67E-01	2.56E+03	2.30E-01	2.20E-01
11/6/98 8.54	CK HAR	Huttos Lake	2.98E+02	1.00E+00	3.51E-02	8.77E-01	8.42E+03	2.30E-01	2.20E-01
11/6/98 8.55	CK HOL	Huttos Lake	2.98E+02	1.00E+00	3.51E-02	8.77E-01	8.42E+03	2.30E-01	2.20E-01
11/6/98 8.55	CK HOL	Lake Merkel	2.98E+02	1.00E+00	3.35E-01	8.38E+00	8.05E+04	2.30E-01	2.20E-01
11/6/98 8.56	CK TEX	Armstrong Creek	2.98E+02	1.00E+00	2.66E+00	6.66E+01	6.39E+05	2.30E-01	2.20E-01
11/6/98 8.57	CK TEX	Massay Lake	2.98E+02	1.00E+00	5.79E-01	1.45E+01	1.39E+05	2.30E-01	2.20E-01
11/6/98 8.58	CK TEX	Mountain Creek	2.98E+02	1.00E+00	1.36E+01	3.40E+02	3.26E+06	2.30E-01	2.20E-01

Inputs Used for Base Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including Impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L/water/Lsoil volume)
11/6/98 8:59	CK	TEX Waxahachie Creek	2.98E+02	1.00E+00	6.09E+00	1.52E+02	1.46E+06	2.30E-01	2.20E-01
11/6/98 9:00	CK	WAM Connoquenessing Creek	2.98E+02	1.00E+00	5.26E+01	2.94E+02	2.41E+06	2.30E-01	2.20E-01
11/6/98 9:00	CK	WAM Hereford Manor Lake	2.98E+02	1.00E+00	2.98E+01	2.98E+01	2.45E+04	2.30E-01	2.20E-01
11/6/98 9:01	CK	WAM Beaver River	2.98E+02	1.00E+00	9.08E+01	5.07E+02	4.16E+06	2.30E-01	2.20E-01
11/6/98 9:02	CK	WAM Slippery Rock Creek	2.98E+02	1.00E+00	2.61E+01	1.46E+02	1.20E+06	2.30E-01	2.20E-01
11/6/98 9:04	LWAK	ARV James River	2.98E+02	1.00E+00	3.81E+01	9.52E+02	9.14E+06	2.30E-01	2.20E-01
11/6/98 9:04	LWAK	ARV Sports Lake	2.98E+02	1.00E+00	2.28E+00	5.70E+01	5.47E+05	2.30E-01	2.20E-01
11/6/98 9:05	LWAK	ARV Holman Creek	2.98E+02	1.00E+00	4.92E-01	1.23E+01	1.18E+05	2.30E-01	2.20E-01
11/6/98 9:06	LWAK	ARV Rivanna River	2.98E+02	1.00E+00	8.75E+00	2.19E+02	2.10E+06	2.30E-01	2.20E-01
11/6/98 9:07	LWAK	BRO Bluelick Creek (includes Clear Run)	2.98E+02	1.00E+00	3.03E+00	2.10E+01	1.80E+05	2.30E-01	2.20E-01
11/6/98 9:08	LWAK	BRO McNeely Lake	2.98E+02	1.00E+00	1.98E+00	1.31E+01	1.12E+05	2.30E-01	2.20E-01
11/6/98 9:09	LWAK	BRO Silver Lake	2.98E+02	1.00E+00	2.14E-02	1.49E-01	1.27E+03	2.30E-01	2.20E-01
11/6/98 9:09	LWAK	BRO Salt River (includes Floyd's Fork)	2.98E+02	1.00E+00	1.11E+02	7.74E+02	6.62E+06	2.30E-01	2.20E-01
11/6/98 9:10	LWAK	CAS Cascade Creek	2.98E+02	1.00E+00	7.86E+00	1.05E+02	9.70E+05	2.30E-01	2.20E-01
11/6/98 9:11	LWAK	CAS Smith River	2.98E+02	1.00E+00	1.83E+01	2.44E+02	2.26E+06	2.30E-01	2.20E-01
11/6/98 9:12	LWAK	CAS Dan River	2.98E+02	1.00E+00	4.61E-01	6.15E+00	5.69E+04	2.30E-01	2.20E-01
11/6/98 9:13	LWAK	COH Troy Reservoir	2.98E+02	1.00E+00	1.12E+00	2.48E+00	1.33E+04	2.30E-01	2.20E-01
11/6/98 9:14	LWAK	COH Hudson River	2.98E+02	1.00E+00	3.87E+02	8.47E+02	4.60E+06	2.30E-01	2.20E-01
11/6/98 9:14	LWAK	COH Mohawk River	2.98E+02	1.00E+00	1.21E+02	2.64E+02	1.43E+06	2.30E-01	2.20E-01
11/6/98 9:15	LWAK	COH Tomahannock Reservoir	2.98E+02	1.00E+00	3.61E+01	7.90E+01	4.29E+05	2.30E-01	2.20E-01
11/6/98 9:16	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	2.98E+02	1.00E+00	4.35E+00	8.71E+02	8.66E+06	2.30E-01	2.20E-01
11/6/98 9:17	LWAK	NOR Long Lake/Creek	2.98E+02	1.00E+00	1.56E-01	3.13E+01	3.11E+05	2.30E-01	2.20E-01
11/6/98 9:18	LWAK	NOR Lake Tillery	2.98E+02	1.00E+00	1.02E+00	2.03E+02	2.02E+06	2.30E-01	2.20E-01
11/6/98 9:19	OINCLarge	334 Mississippi River	2.98E+02	1.00E+00	2.39E+02	8.41E+02	8.08E+06	2.30E-01	2.20E-01
11/6/98 9:20	OINCLarge	334 Vermilion River	2.98E+02	1.00E+00	1.56E+01	4.01E+02	3.85E+06	2.30E-01	2.20E-01
11/6/98 9:21	OINCLarge	334 Colty Lake	2.98E+02	1.00E+00	1.75E-02	4.49E-01	4.32E+03	2.30E-01	2.20E-01
11/6/98 9:22	OINCLarge	334 Lake Isabelle	2.98E+02	1.00E+00	5.31E-02	1.38E+00	1.31E+04	2.30E-01	2.20E-01
11/6/98 9:23	OINCLarge	463 Blue River	2.98E+02	1.00E+00	1.06E+02	2.16E+02	1.10E+06	2.30E-01	2.20E-01
11/6/98 9:23	OINCLarge	463 Rock Creek	2.98E+02	1.00E+00	1.16E+01	2.38E+01	1.20E+05	2.30E-01	2.20E-01
11/6/98 9:24	OINCLarge	463 Shoal Creek	2.98E+02	1.00E+00	8.20E+01	1.67E+02	8.50E+05	2.30E-01	2.20E-01
11/6/98 9:25	OINCLarge	463 Missouri River	2.98E+02	1.00E+00	4.29E+02	8.73E+02	4.44E+06	2.30E-01	2.20E-01
11/6/98 9:26	OINCLarge	464 Ottowa River	2.98E+02	1.00E+00	1.46E+02	3.77E+02	2.31E+06	2.30E-01	2.20E-01
11/6/98 9:27	OINCLarge	464 Twin Lakes Reservoir	2.98E+02	1.00E+00	1.65E-01	4.25E-01	2.61E+03	2.30E-01	2.20E-01
11/6/98 9:27	OINCLarge	464 Metzger/Ferguson Reservoir	2.98E+02	1.00E+00	7.12E-01	1.84E+00	1.13E+04	2.30E-01	2.20E-01
11/6/98 9:28	OINCLarge	504 Pennsauken Creek	2.98E+02	1.00E+00	2.00E+01	4.07E+01	2.07E+05	2.30E-01	2.20E-01
11/6/98 9:29	OINCLarge	504 Darby Creek	2.98E+02	1.00E+00	8.64E+01	1.76E+02	8.96E+05	2.30E-01	2.20E-01
11/6/98 9:30	OINCLarge	504 Cooper River Lake	2.98E+02	1.00E+00	2.49E+01	5.09E+01	2.58E+05	2.30E-01	2.20E-01
11/6/98 9:31	OINCLarge	600 Schuykill River	2.98E+02	1.00E+00	8.79E+01	1.79E+02	9.11E+05	2.30E-01	2.20E-01
11/6/98 9:32	OINCLarge	600 Lake Jackson	2.98E+02	1.00E+00	3.98E-01	2.23E+00	1.83E+04	2.30E-01	2.20E-01
11/6/98 9:32	OINCLarge	600 Oyster Creek	2.98E+02	1.00E+00	1.03E+01	5.75E+01	4.72E+05	2.30E-01	2.20E-01
11/6/98 9:33	OINCLarge	600 Brazos River	2.98E+02	1.00E+00	1.77E+01	9.90E+01	8.13E+05	2.30E-01	2.20E-01
11/6/98 9:34	OINCLarge	711 Brechtel Lake	2.98E+02	1.00E+00	4.96E-02	6.71E-01	6.21E+03	2.30E-01	2.20E-01
11/6/98 9:35	OINCLarge	711 Mississippi River	2.98E+02	1.00E+00	7.67E+00	7.69E+01	7.30E+05	2.30E-01	2.20E-01
11/6/98 9:36	OINCLarge	806 Wolf Lake	2.98E+02	1.00E+00	7.62E+00	1.21E+01	4.48E+04	2.30E-01	2.20E-01
11/6/98 9:37	OINCLarge	806 Lake George	2.98E+02	1.00E+00	1.02E+00	1.63E+00	6.02E+03	2.30E-01	2.20E-01
11/6/98 9:37	OINCLarge	806 Little Calumet River	2.98E+02	1.00E+00	3.34E+02	5.29E+02	1.96E+06	2.30E-01	2.20E-01
11/6/98 9:38	OINCLarge	806 Grand Calumet River	2.98E+02	1.00E+00	6.13E+01	9.73E+01	3.60E+05	2.30E-01	2.20E-01
11/6/98 9:39	OINCLarge	915 Genesee River	2.98E+02	1.00E+00	2.00E+02	3.00E+02	1.01E+06	2.30E-01	2.20E-01
11/6/98 9:40	OINCLarge	915 Irondequoit Bay	2.98E+02	1.00E+00	2.57E+02	2.57E+02	8.32E+05	2.30E-01	2.20E-01
11/6/98 9:41	OINCLarge	915 Highland Reservoir	2.98E+02	1.00E+00	1.52E-02	2.29E-01	7.65E+01	2.30E-01	2.20E-01
11/6/98 9:42	OINCLarge	A32 Armand Bayou	2.98E+02	1.00E+00	1.38E+01	1.28E+02	1.14E+06	2.30E-01	2.20E-01
11/6/98 9:42	OINCLarge	A43 Twelvemile Creek	2.98E+02	1.00E+00	3.88E+01	6.93E+01	3.05E+05	2.30E-01	2.20E-01
11/6/98 9:43	OINCLarge	A43 Bergholtz Creek	2.98E+02	1.00E+00	2.66E+01	4.75E+01	2.09E+05	2.30E-01	2.20E-01
11/6/98 9:44	OINCLarge	A43 Cayuga Creek	2.98E+02	1.00E+00	2.07E+01	3.70E+01	1.63E+05	2.30E-01	2.20E-01
11/6/98 9:45	OINCLarge	A43 Niagara River	2.98E+02	1.00E+00	4.11E+02	7.34E+02	3.23E+06	2.30E-01	2.20E-01
11/6/98 9:46	OINCLarge	A50 Carpenters Bayou	2.98E+02	1.00E+00	8.35E+00	5.84E+01	5.00E+05	2.30E-01	2.20E-01
11/6/98 9:47	OINCLarge	A50 Highlands Reservoir	2.98E+02	1.00E+00	7.45E-01	5.21E+00	4.47E+04	2.30E-01	2.20E-01
11/6/98 9:47	OINCLarge	A50 Buffalo Bayou	2.98E+02	1.00E+00	3.11E+01	2.18E+02	1.87E+06	2.30E-01	2.20E-01
11/6/98 9:48	OINCLarge	A50 San Jacinto River	2.98E+02	1.00E+00	1.27E+01	8.89E+01	7.62E+05	2.30E-01	2.20E-01
11/6/98 9:49	OINCLarge	A62 Caney Creek	2.98E+02	1.00E+00	2.82E+01	1.96E+02	1.67E+06	2.30E-01	2.20E-01
11/6/98 9:50	OINCLarge	A62 E & W Fork Crystal Cr.	2.98E+02	1.00E+00	1.41E+01	9.77E+01	8.36E+05	2.30E-01	2.20E-01
11/6/98 9:51	OINCLarge	A62 Stewarts Creek	2.98E+02	1.00E+00	8.11E+00	5.63E+01	4.82E+05	2.30E-01	2.20E-01
11/6/98 9:52	OINCLarge	A62 Lewis Creek Reservoir	2.98E+02	1.00E+00	1.42E+00	9.84E+00	8.42E+04	2.30E-01	2.20E-01
11/6/98 9:52	OINCLarge	B20 Cuyahoga River	2.98E+02	1.00E+00	1.61E+02	3.82E+02	2.22E+06	2.30E-01	2.20E-01
11/6/98 9:53	OINCLarge	B20 Upper and Lower Shaker Lake	2.98E+02	1.00E+00	5.35E+00	1.27E+01	7.39E+04	2.30E-01	2.20E-01
11/6/98 9:54	OINCLarge	B20 Euclid Creek	2.98E+02	1.00E+00	2.27E+01	5.40E+01	3.13E+05	2.30E-01	2.20E-01
11/6/98 9:55	OINCLarge	B20 Fairmont Reservoir	2.98E+02	1.00E+00	1.36E-01	3.24E-01	1.88E+03	2.30E-01	2.20E-01
11/6/98 9:56	OINCLarge	HAN Fabus River	2.98E+02	1.00E+00	2.38E+02	2.38E+02	2.31E+06	2.30E-01	2.20E-01
11/6/98 9:57	OINCLarge	H20 Spring Lake	2.98E+02	1.00E+00	2.01E-03	2.01E-01	2.00E+03	2.30E-01	2.20E-01
11/6/98 9:57	OINCLarge	HAN Mississippi River	2.98E+02	1.00E+00	4.34E+00	8.67E+02	8.63E+06	2.30E-01	2.20E-01
11/6/98 9:58	OINCLarge	KIN North Fork Holston River	2.98E+02	1.00E+00	1.11E+02	3.16E+02	2.05E+06	2.30E-01	2.20E-01
11/6/98 9:59	OINCLarge	KIN Kingsport Reservoir	2.98E+02	1.00E+00	4.73E-01	1.34E+00	8.71E+03	2.30E-01	2.20E-01
11/6/98 10:00	OINCLarge	KIN South Fork Holston River	2.98E+02	1.00E+00	1.68E+02	4.78E+02	3.09E+06	2.30E-01	2.20E-01
11/6/98 10:01	OINCLarge	KIN Reedy Creek	2.98E+02	1.00E+00	2.98E+02	1.17E+02	7.61E+05	2.30E-01	2.20E-01
11/6/98 10:02	OINCLarge	MCI Halk Lake	2.98E+02	1.00E+00	5.15E+00	1.32E+02	1.27E+06	2.30E-01	2.20E-01
11/6/98 10:02	OINCLarge	MCI Helicat Lake	2.98E+02	1.00E+00	3.27E-01	8.38E+00	8.06E+04	2.30E-01	2.20E-01
11/6/98 10:03	OINCLarge	MCI Alabama River	2.98E+02	1.00E+00	8.35E+00	2.14E+02	2.06E+06	2.30E-01	2.20E-01
11/6/98 10:04	OINCLarge	MCI Tombigbee River	2.98E+02	1.00E+00	2.86E+01	7.33E+02	7.04E+06	2.30E-01	2.20E-01
11/6/98 10:05	OINCLarge	MID Tittabawassee River (plus Sanford Lake)	2.98E+02	1.00E+00	1.29E+02	3.65E+02	2.36E+06	2.30E-01	2.20E-01
11/6/98 10:06	OINCLarge	MID Sturgeon Creek	2.98E+02	1.00E+00	5.05E+01	1.45E+02	9.37E+05	2.30E-01	2.20E-01
11/6/98 10:07	OINCLarge	MID Kankawlin River	2.98E+02	1.00E+00	9.13E+01	2.59E+02	1.68E+06	2.30E-01	2.20E-01
11/6/98 10:08	OINCLarge	MID Chippewa River (most inclusive data)	2.98E+02	1.00E+00	3.55E+01	1.01E+02	6.54E+05	2.30E-01	2.20E-01
11/6/98 10:08	OINCLarge	STG Bayou Plaquemine	2.98E+02	1.00E+00	7.06E-01	9.54E+00	8.83E+04	2.30E-01	2.20E-01
11/6/98 10:09	OINCLarge	STG Manchac Bayou	2.98E+02	1.00E+00	2.70E+01	3.64E+02	3.37E+06	2.30E-01	2.20E-01
11/6/98 10:10	OINCLarge	STG Bayou Fountain	2.98E+02	1.00E+00	7.72E+00	1.04E+02	9.66E+05	2.30E-01	2.20E-01
11/6/98 10:11	OINCLarge	STG Mississippi River	2.98E+02	1.00E+00	6.67E+00	1.17E+02	1.08E+06	2.30E-01	2.20E-01
11/6/98 10:13	OINCSmall	340 Sunfish Creek	2.98E+02	1.00E+00	9.85E+00	1.33E+02	1.23E+06	2.30E-01	2.20E-01

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L/water/Lsoil volume)		
11/6/98	10.14	OINCSmall	340	Proctor Creek	2.98E+02	1.00E+00	4.17E+00	5.63E+01	5.22E+05	2.30E-01	2.20E-01
11/6/98	10.14	OINCSmall	340	Fish Creek	2.98E+02	1.00E+00	2.01E+01	2.72E+02	2.52E+06	2.30E-01	2.20E-01
11/6/98	10.15	OINCSmall	340	Ohio River	2.98E+02	1.00E+00	8.00E+02	1.08E+03	1.00E+07	2.30E-01	2.20E-01
11/6/98	10.16	OINCSmall	342	Kalamazoo River	2.98E+02	1.00E+00	2.54E+02	5.16E+02	2.62E+06	2.30E-01	2.20E-01
11/6/98	10.17	OINCSmall	342	East Lake	2.98E+02	1.00E+00	4.25E+00	8.64E+00	4.39E+04	2.30E-01	2.20E-01
11/6/98	10.18	OINCSmall	342	Portage Creek	2.98E+02	1.00E+00	7.08E+01	1.44E+02	7.31E+05	2.30E-01	2.20E-01
11/6/98	10.19	OINCSmall	342	Portage River	2.98E+02	1.00E+00	2.07E+02	4.20E+02	2.14E+06	2.30E-01	2.20E-01
11/6/98	10.20	OINCSmall	453	Lake Spivey	2.98E+02	1.00E+00	1.53E+01	2.91E+01	1.38E+05	2.30E-01	2.20E-01
11/6/98	10.21	OINCSmall	453	Jester Creek	2.98E+02	1.00E+00	1.55E+01	2.94E+01	1.39E+05	2.30E-01	2.20E-01
11/6/98	10.22	OINCSmall	453	Flint River	2.98E+02	1.00E+00	1.48E+02	2.82E+02	1.34E+06	2.30E-01	2.20E-01
11/6/98	10.23	OINCSmall	468	Wissahickon Creek	2.98E+02	1.00E+00	8.51E+01	1.62E+02	7.67E+05	2.30E-01	2.20E-01
11/6/98	10.25	OINCSmall	468	Tacony Creek	2.98E+02	1.00E+00	4.10E+01	7.80E+01	3.89E+05	2.30E-01	2.20E-01
11/6/98	10.26	OINCSmall	468	Schuykill	2.98E+02	1.00E+00	3.10E+02	5.88E+02	2.79E+06	2.30E-01	2.20E-01
11/6/98	19.30	OINCSmall	468	Pickering Creek Reservoir	2.98E+02	1.00E+00	1.23E+01	2.34E+01	1.11E+05	2.30E-01	2.20E-01
11/6/98	19.31	OINCSmall	701	Wabash River	2.98E+02	1.00E+00	3.96E+00	7.93E+02	7.89E+06	2.30E-01	2.20E-01
11/6/98	19.32	OINCSmall	701	Sugar Creek	2.98E+02	1.00E+00	2.33E+01	4.67E+01	4.64E+05	2.30E-01	2.20E-01
11/6/98	19.33	OINCSmall	701	Big Racoon Creek	2.98E+02	1.00E+00	1.84E+00	3.69E+02	3.66E+06	2.30E-01	2.20E-01
11/6/98	19.34	OINCSmall	704	Garvey Reservoir	2.98E+02	1.00E+00	8.19E-02	1.17E-01	3.51E+02	2.30E-01	2.20E-01
11/6/98	19.35	OINCSmall	704	Logg Lake	2.98E+02	1.00E+00	9.50E-02	1.36E-01	4.07E+02	2.30E-01	2.20E-01
11/6/98	19.36	OINCSmall	704	Silver Lake Res.	2.98E+02	1.00E+00	8.68E-01	1.24E+00	3.72E+03	2.30E-01	2.20E-01
11/6/98	19.36	OINCSmall	708	Grindle Creek	2.98E+02	1.00E+00	2.29E+01	2.10E+02	1.87E+06	2.30E-01	2.20E-01
11/6/98	19.37	OINCSmall	708	Parker Creek	2.98E+02	1.00E+00	2.92E+00	2.68E+01	2.39E+05	2.30E-01	2.20E-01
11/6/98	19.38	OINCSmall	708	Tranters Creek	2.98E+02	1.00E+00	2.42E+01	2.22E+02	1.98E+06	2.30E-01	2.20E-01
11/6/98	19.39	OINCSmall	725	Passaic River	2.98E+02	1.00E+00	7.50E-01	1.79E+00	1.04E+04	2.30E-01	2.20E-01
11/6/98	19.40	OINCSmall	725	Silver Lake Reservoir	2.98E+02	1.00E+00	6.61E-02	1.57E-01	9.13E+02	2.30E-01	2.20E-01
11/6/98	19.41	OINCSmall	725	Reservoir No. 2	2.98E+02	1.00E+00	1.48E-02	3.52E-02	2.04E+02	2.30E-01	2.20E-01
11/6/98	19.42	OINCSmall	725	Rahway River	2.98E+02	1.00E+00	3.08E-01	7.33E-01	4.25E+03	2.30E-01	2.20E-01
11/6/98	19.42	OINCSmall	824	Newton Lake	2.98E+02	1.00E+00	4.19E+00	1.19E+01	7.71E+04	2.30E-01	2.20E-01
11/6/98	19.43	OINCSmall	824	Big Timber Creek	2.98E+02	1.00E+00	4.73E+01	1.34E+02	8.71E+05	2.30E-01	2.20E-01
11/6/98	19.44	OINCSmall	824	Darby Creek	2.98E+02	1.00E+00	5.01E+01	1.42E+02	9.22E+05	2.30E-01	2.20E-01
11/6/98	19.45	OINCSmall	824	Schuykill River	2.98E+02	1.00E+00	3.25E+01	9.24E+01	5.99E+05	2.30E-01	2.20E-01
11/6/98	19.46	OINCSmall	904	Pascagoula River	2.98E+02	1.00E+00	1.05E+01	4.93E+01	3.88E+05	2.30E-01	2.20E-01
11/6/98	19.47	OINCSmall	904	Escatawpa River	2.98E+02	1.00E+00	3.96E+01	1.86E+02	1.46E+06	2.30E-01	2.20E-01
11/6/98	19.48	OINCSmall	906	Mississippi River	2.98E+02	1.00E+00	2.10E+01	5.40E+02	5.19E+06	2.30E-01	2.20E-01
11/6/98	19.48	OINCSmall	906	Coopers Creek	2.98E+02	1.00E+00	3.98E+00	9.87E+01	9.48E+05	2.30E-01	2.20E-01
11/6/98	19.49	OINCSmall	906	Eliza Creek	2.98E+02	1.00E+00	3.65E+00	9.36E+01	8.99E+05	2.30E-01	2.20E-01
11/6/98	19.50	OINCSmall	906	Muscataine Slough	2.98E+02	1.00E+00	1.98E+02	1.48E+02	1.42E+06	2.30E-01	2.20E-01
11/6/98	19.51	OINCSmall	A14	New River	2.98E+02	1.00E+00	1.60E+01	2.16E+02	2.00E+06	2.30E-01	2.20E-01
11/6/98	19.52	OINCSmall	A14	Bayou Conway	2.98E+02	1.00E+00	9.91E+00	1.34E+02	1.24E+06	2.30E-01	2.20E-01
11/6/98	19.53	OINCSmall	A14	Mississippi River	2.98E+02	1.00E+00	5.33E+00	7.21E+01	6.67E+05	2.30E-01	2.20E-01
11/6/98	19.54	OINCSmall	A14	Bayou Lafourche	2.98E+02	1.00E+00	2.61E+01	3.53E+00	3.26E+04	2.30E-01	2.20E-01
11/6/98	19.55	OINCSmall	A26	Big Creek (Includes Sulfur Spring Creek)	2.98E+02	1.00E+00	2.34E-01	4.67E+01	4.65E+05	2.30E-01	2.20E-01
11/6/98	19.55	OINCSmall	A26	Carter Creek	2.98E+02	1.00E+00	1.17E-02	1.00E-02	1.30E+05	2.30E-01	2.20E-01
11/6/98	19.56	OINCSmall	A26	Dot Creek	2.98E+02	1.00E+00	8.21E-01	1.64E+02	1.63E+06	2.30E-01	2.20E-01
11/6/98	19.57	OINCSmall	A31	Nottaway River	2.98E+02	1.00E+00	5.53E+01	4.70E+02	4.35E+06	2.30E-01	2.20E-01
11/6/98	19.58	OINCSmall	A31	Chowan River	2.98E+02	1.00E+00	4.50E+01	5.99E+02	5.54E+06	2.30E-01	2.20E-01
11/6/98	19.59	OINCSmall	A31	Nottaway Swamp (a creek)	2.98E+02	1.00E+00	5.66E+00	7.54E+01	6.98E+05	2.30E-01	2.20E-01
11/6/98	20.00	OINCSmall	A45	Sheldon Reservoir	2.98E+02	1.00E+00	1.50E+00	5.30E+00	3.80E+04	2.30E-01	2.20E-01
11/6/98	20.01	OINCSmall	A45	Highlands Reservoir	2.98E+02	1.00E+00	5.47E+00	5.27E+01	3.74E+04	2.30E-01	2.20E-01
11/6/98	20.02	OINCSmall	A45	Greens Bayou	2.98E+02	1.00E+00	2.77E+01	7.02E+01	7.02E+05	2.30E-01	2.20E-01
11/6/98	20.02	OINCSmall	A45	Buffalo Bayou	2.98E+02	1.00E+00	1.10E+02	3.87E+02	2.77E+06	2.30E-01	2.20E-01
11/6/98	20.03	OINCSmall	A46	Little Muskingum River	2.98E+02	1.00E+00	1.92E+00	3.84E+02	3.82E+06	2.30E-01	2.20E-01
11/6/98	20.04	OINCSmall	A46	Ohio River	2.98E+02	1.00E+00	1.75E+00	3.49E+02	3.48E+06	2.30E-01	2.20E-01
11/6/98	20.05	OINCSmall	A46	Middle Island Creek	2.98E+02	1.00E+00	2.40E+00	4.80E+02	4.77E+06	2.30E-01	2.20E-01
11/6/98	20.06	OINCSmall	A47	Caney River	2.98E+02	1.00E+00	1.04E+02	7.21E+02	6.17E+06	2.30E-01	2.20E-01
11/6/98	20.07	OINCSmall	A47	Sand Creek	2.98E+02	1.00E+00	4.66E+01	3.23E+02	2.77E+06	2.30E-01	2.20E-01
11/6/98	20.08	OINCSmall	A47	Bar-Dew Lake	2.98E+02	1.00E+00	7.09E-01	4.92E+00	4.22E+04	2.30E-01	2.20E-01
11/6/98	20.09	OINCSmall	A47	Lake Hudson	2.98E+02	1.00E+00	4.47E+00	3.10E+01	2.65E+05	2.30E-01	2.20E-01
11/6/98	20.09	OINCSmall	A55	Mohawk River	2.98E+02	1.00E+00	7.98E+01	7.29E+02	6.49E+06	2.30E-01	2.20E-01
11/6/98	20.10	OINCSmall	A55	Acipause Kill River	2.98E+02	1.00E+00	1.62E+01	1.49E+02	1.33E+06	2.30E-01	2.20E-01
11/6/98	20.11	OINCSmall	A55	Stony Creek Reservoir	2.98E+02	1.00E+00	2.98E+00	2.73E+01	2.43E+05	2.30E-01	2.20E-01
11/6/98	20.12	OINCSmall	A55	Waterlief Reservoir	2.98E+02	1.00E+00	2.63E+01	2.42E+02	2.15E+06	2.30E-01	2.20E-01
11/6/98	20.13	OINCSmall	B18	Gulf Intercoastal Waterway	2.98E+02	1.00E+00	4.61E+01	3.20E+02	2.74E+06	2.30E-01	2.20E-01
11/6/98	20.14	OINCSmall	B18	Bayou La Butte	2.98E+02	1.00E+00	7.00E+00	4.86E+01	4.16E+05	2.30E-01	2.20E-01
11/6/98	20.15	OINCSmall	B18	Mississippi River	2.98E+02	1.00E+00	1.58E+01	1.10E+02	9.39E+05	2.30E-01	2.20E-01
11/6/98	20.16	OINCSmall	B18	Bayou Manchac	2.98E+02	1.00E+00	3.90E+01	2.71E+02	2.32E+06	2.30E-01	2.20E-01
11/6/98	20.16	OINCSmall	B23	Hillbrant Bayou	2.98E+02	1.00E+00	3.28E+01	1.16E+02	8.30E+05	2.30E-01	2.20E-01
11/6/98	20.17	OINCSmall	B23	Cow Bayou	2.98E+02	1.00E+00	2.89E+01	1.02E+02	7.20E+05	2.30E-01	2.20E-01
11/6/98	20.18	OINCSmall	B23	Neches River	2.98E+02	1.00E+00	2.81E+01	9.92E+01	7.11E+05	2.30E-01	2.20E-01
11/6/98	20.19	OINCSmall	B23	Port Arthur Reservoir	2.98E+02	1.00E+00	2.11E-01	7.45E-01	5.35E+03	2.30E-01	2.20E-01
11/6/98	19.35	OINCSmall	B31	Wassahickon Creek	2.98E+02	1.00E+00	4.40E+01	1.58E+02	1.12E+06	2.30E-01	2.20E-01
11/6/98	19.36	OINCSmall	B31	Neshaminy Creek	2.98E+02	1.00E+00	4.58E+01	1.62E+02	1.16E+06	2.30E-01	2.20E-01
11/6/98	19.37	OINCSmall	B31	Pease Valley Reservoir	2.98E+02	1.00E+00	4.94E+00	1.75E+01	1.25E+05	2.30E-01	2.20E-01
11/6/98	19.38	OINCSmall	B31	Schuykill River	2.98E+02	1.00E+00	2.07E+02	7.30E+02	5.24E+06	2.30E-01	2.20E-01
11/6/98	20.23	OINCSmall	B32	Cedar Bayou	2.98E+02	1.00E+00	7.58E+01	2.39E+02	1.63E+06	2.30E-01	2.20E-01
11/6/98	20.24	OINCSmall	B32	Cary Bayou	2.98E+02	1.00E+00	4.32E+00	1.36E+01	9.31E+04	2.30E-01	2.20E-01
11/6/98	20.25	OINCSmall	B32	Goose Creek	2.98E+02	1.00E+00	2.12E+01	6.70E+01	4.58E+05	2.30E-01	2.20E-01
11/6/98	20.26	OINCSmall	B37	Arkansas River	2.98E+02	1.00E+00	1.52E+02	4.31E+02	2.79E+06	2.30E-01	2.20E-01
11/6/98	20.27	OINCSmall	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	2.98E+02	1.00E+00	7.35E+01	2.08E+02	1.35E+06	2.30E-01	2.20E-01
11/6/98	20.28	OINCSmall	B37	Yellow Lake	2.98E+02	1.00E+00	2.98E+00	8.99E+00	5.41E+04	2.30E-01	2.20E-01
11/6/98	20.29	OINCSmall	B37	Lake Pine Bluff	2.98E+02	1.00E+00	3.90E+01	1.10E+02	7.15E+05	2.30E-01	2.20E-01
11/6/98	20.30	OINCSmall	B44	Sheldon Reservoir	2.98E+02	1.00E+00	1.46E+00	5.17E+00	3.71E+04	2.30E-01	2.20E-01
11/6/98	20.31	OINCSmall	B44	Greens Bayou	2.98E+02	1.00E+00	2.77E+01	9.79E+01	7.02E+05	2.30E-01	2.20E-01
11/6/98	20.32	OINCSmall	B44	Buffalo Bayou	2.98E+02	1.00E+00	9.58E+01	3.38E+02	2.43E+06	2.30E-01	2.20E-01
11/6/98	20.32	OINCSmall	B44	Hunting Bayou	2.98E+02						

Inputs Used for Base Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including Impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L[water]/L[soil volume])
11/6/98 20:35	OINCSmall TOC	Blue Lakes	2.98E+02	1.00E+00	1.94E-01	1.08E+00	8.88E+03	2.30E-01	2.20E-01
11/6/98 20:36	OINCSmall TOC	Soldier Creek	2.98E+02	1.00E+00	6.91E+00	3.88E+01	3.17E+05	2.30E-01	2.20E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	Soil Bulk Density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m ²)	Waterbody Volume (m ³)	Sediment Depth (m)	Sediment Area (m ²)	Sediment Volume (m ³)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 7.43	CINC	209	Lawsons Fork Creek	1.50E+00	2.44E-01	0.00E+00	2.71E-01	3.94E+05	1.07E+05	3.00E-02	3.94E+05	1.18E+04	6.20E-01
11/6/98 7.44	CINC	209	Tyger River	1.50E+00	4.02E-01	0.00E+00	3.84E-01	1.79E+06	6.89E+05	3.00E-02	1.79E+06	5.38E+04	6.20E-01
11/6/98 7.45	CINC	209	Fair Forest Creek	1.50E+00	2.96E-01	0.00E+00	2.01E-01	3.00E+05	6.04E+04	3.00E-02	3.00E+05	9.01E+03	6.20E-01
11/6/98 7.45	CINC	209	Middle Tyger River	1.50E+00	3.38E-01	0.00E+00	2.23E-01	2.06E+05	4.58E+04	3.00E-02	2.06E+05	6.17E+03	6.20E-01
11/6/98 7.46	CINC	214	Fish Ponds	1.50E+00	NA	1.00E+00	4.00E+00	1.22E+07	2.99E+06	3.00E-02	2.99E+06	6.97E+04	6.20E-01
11/6/98 7.47	CINC	214	Lake Clause	1.50E+00	NA	1.00E+00	4.00E+00	2.11E+05	8.44E+05	3.00E-02	2.11E+05	6.33E+03	6.20E-01
11/6/98 7.48	CINC	214	University Lake/ City Park Lake	1.50E+00	NA	1.00E+00	4.00E+00	8.95E+05	3.58E+06	3.00E-02	8.95E+05	2.68E+04	6.20E-01
11/6/98 7.48	CINC	214	Comite River	1.50E+00	4.91E-01	0.00E+00	3.47E-01	4.24E+05	1.47E+05	3.00E-02	4.24E+05	1.27E+04	6.20E-01
11/6/98 7.49	CINC	221	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.56E+06	3.00E-02	1.89E+06	5.67E+04	6.20E-01
11/6/98 7.50	CINC	221	Sheldon Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	2.12E+07	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 7.51	CINC	221	San Jacinto River /Houston Lake	1.50E+00	5.61E-01	0.00E+00	3.51E-01	1.71E+07	5.99E+06	3.00E-02	1.71E+07	5.12E+05	6.20E-01
11/6/98 7.52	CINC	324	Shades Creek	1.50E+00	4.02E-01	0.00E+00	2.13E-01	4.90E+05	1.04E+05	3.00E-02	4.90E+05	1.47E+04	6.20E-01
11/6/98 7.52	CINC	324	Valley Creek	1.50E+00	4.66E-01	0.00E+00	4.39E-01	9.98E+05	4.21E+05	3.00E-02	9.98E+05	2.87E+04	6.20E-01
11/6/98 7.53	CINC	324	Bayview Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.67E+06	6.67E+06	3.00E-02	1.67E+06	5.00E+04	6.20E-01
11/6/98 7.54	CINC	324	Cahaba River	1.50E+00	4.21E-01	0.00E+00	4.60E-01	7.28E+05	3.35E+05	3.00E-02	7.28E+05	2.18E+04	6.20E-01
11/6/98 7.55	CINC	325	Big Hill Creek	1.50E+00	1.68E-01	0.00E+00	6.10E-02	1.71E+05	1.04E+04	3.00E-02	1.71E+05	5.14E+03	6.20E-01
11/6/98 7.56	CINC	325	Potato Creek	1.50E+00	1.13E-01	0.00E+00	2.40E-02	1.55E+04	3.72E+02	3.00E-02	1.55E+04	4.65E+02	6.20E-01
11/6/98 7.57	CINC	325	Claymore Creek	1.50E+00	5.58E-01	0.00E+00	3.25E-01	1.65E+05	5.39E+04	3.00E-02	1.65E+05	4.95E+03	6.20E-01
11/6/98 7.58	CINC	325	Verdigris River	1.50E+00	6.37E-01	0.00E+00	1.89E-01	2.09E+06	3.95E+05	3.00E-02	2.09E+06	6.26E+04	6.20E-01
11/6/98 7.59	CINC	331	Rocky River	1.50E+00	6.40E-01	0.00E+00	5.40E-01	1.10E+06	5.92E+05	3.00E-02	1.10E+06	3.29E+04	6.20E-01
11/6/98 8.00	CINC	331	East Branch Black River	1.50E+00	6.10E-01	0.00E+00	4.70E-01	5.19E+05	2.44E+05	3.00E-02	5.19E+05	1.56E+04	6.20E-01
11/6/98 8.01	CINC	331	Wyleswood Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.69E+04	1.88E+05	3.00E-02	4.69E+04	1.41E+03	6.20E-01
11/6/98 8.02	CINC	331	Baldwin Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.26E+05	5.06E+05	3.00E-02	1.26E+05	3.79E+03	6.20E-01
11/6/98 8.03	CINC	359	Kentucky River	1.50E+00	8.96E-01	0.00E+00	9.57E-01	2.51E+06	2.40E+06	3.00E-02	2.51E+06	7.52E+04	6.20E-01
11/6/98 8.04	CINC	359	Indian Creek	1.50E+00	3.78E-01	0.00E+00	7.90E-02	1.05E+05	8.32E+03	3.00E-02	1.05E+05	3.16E+03	6.20E-01
11/6/98 8.05	CINC	359	Indian Kentucky Creek	1.50E+00	1.98E-01	0.00E+00	1.37E-01	1.08E+05	1.48E+04	3.00E-02	1.08E+05	3.24E+03	6.20E-01
11/6/98 8.06	CINC	359	Ohio River	1.50E+00	1.17E+00	0.00E+00	5.17E+00	1.99E+07	1.03E+08	3.00E-02	1.99E+07	5.98E+05	6.20E-01
11/6/98 8.07	CINC	A15	Tonawanda Creek	1.50E+00	4.60E-01	0.00E+00	3.11E-01	1.65E+05	5.13E+05	3.00E-02	1.65E+05	4.95E+04	6.20E-01
11/6/98 8.08	CINC	A15	Murder Creek	1.50E+00	2.01E-01	0.00E+00	5.79E-02	9.71E+02	5.62E+03	3.00E-02	9.71E+02	2.91E+03	6.20E-01
11/6/98 8.10	CINC	A15	Ellicott Creek	1.50E+00	3.60E-01	0.00E+00	2.07E-01	5.74E+05	1.19E+05	3.00E-02	5.74E+05	1.72E+04	6.20E-01
11/6/98 8.11	CINC	A18	Taylor Bayou	1.50E+00	6.10E-01	0.00E+00	4.70E-01	4.10E+05	1.93E+05	3.00E-02	4.10E+05	1.23E+04	6.20E-01
11/6/98 8.12	CINC	A18	Hillebrandt Bayou	1.50E+00	4.60E-01	0.00E+00	1.80E-01	1.21E+05	2.17E+04	3.00E-02	1.21E+05	3.62E+03	6.20E-01
11/6/98 8.13	CINC	A18	Viterbo Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	6.36E+05	2.54E+06	3.00E-02	6.36E+05	1.91E+04	6.20E-01
11/6/98 8.13	CINC	CAL	Tennessee River	1.50E+00	1.58E+00	0.00E+00	1.81E+00	6.13E+06	1.11E+07	3.00E-02	6.13E+06	1.84E+05	6.20E-01
11/6/98 8.14	CINC	CAL	Kentucky Lake	1.50E+00	NA	1.00E+00	4.00E+00	5.59E+07	2.24E+08	3.00E-02	5.59E+07	1.68E+06	6.20E-01
11/6/98 8.15	CINC	CAL	Barkley Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.54E+07	1.42E+08	3.00E-02	3.54E+07	1.06E+06	6.20E-01
11/6/98 8.16	CINC	CAL	Cumberland River	1.50E+00	1.27E+00	0.00E+00	3.95E-01	6.69E+06	6.26E+06	3.00E-02	6.69E+06	2.01E+06	6.20E-01
11/6/98 8.17	CINC	ELD	Flat Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.53E+05	5.21E+04	3.00E-02	1.53E+05	4.59E+03	6.20E-01
11/6/98 8.19	CINC	ELD	Salt Creek	1.50E+00	5.50E-01	0.00E+00	1.68E-01	1.46E+05	2.44E+04	3.00E-02	1.46E+05	4.37E+03	6.20E-01
11/6/98 8.19	CINC	ELD	Calton Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.95E+06	7.78E+06	3.00E-02	1.95E+06	5.84E+04	6.20E-01
11/6/98 8.20	CINC	ELD	Ouachita River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.09E+06	3.09E+06	3.00E-02	1.87E+06	5.62E+04	6.20E-01
11/6/98 8.21	CINC	SAU	Horseshoe Lake	1.50E+00	NA	1.00E+00	4.00E+00	9.06E+06	3.62E+07	3.00E-02	9.06E+06	2.72E+05	6.20E-01
11/6/98 8.22	CINC	SAU	Old Catahoula Creek	1.50E+00	4.60E-01	0.00E+00	1.90E-01	4.05E+03	2.25E+03	3.00E-02	4.05E+03	1.25E+02	6.20E-01
11/6/98 8.23	CINC	SAU	Mississippi River	1.50E+00	1.74E+00	0.00E+00	1.19E+01	2.62E+07	3.13E+08	3.00E-02	2.62E+07	7.86E+05	6.20E-01
11/6/98 8.24	CK	202	Elk City Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.28E+07	5.13E+07	3.00E-02	1.28E+07	3.85E+05	6.20E-01
11/6/98 8.25	CK	202	Montgomery County State Park Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.58E+05	1.43E+06	3.00E-02	3.58E+05	1.08E+04	6.20E-01
11/6/98 8.26	CK	202	Verdigris River	1.50E+00	8.20E-01	0.00E+00	1.25E+00	3.27E+06	4.09E+06	3.00E-02	3.27E+06	9.82E+04	6.20E-01
11/6/98 8.26	CK	203	Catalpa Creek	1.50E+00	5.96E-01	0.00E+00	4.05E-01	5.19E+05	2.10E+05	3.00E-02	5.19E+05	1.56E+04	6.20E-01
11/6/98 8.27	CK	203	Wilmer Creek	1.50E+00	1.71E-01	0.00E+00	1.71E-01	2.12E+04	2.12E+04	3.00E-02	2.12E+04	3.71E+03	6.20E-01
11/6/98 8.28	CK	203	N. Branch Magowah Creek	1.50E+00	5.58E-01	0.00E+00	3.28E-01	1.61E+05	5.26E+04	3.00E-02	1.61E+05	4.84E+03	6.20E-01
11/6/98 8.29	CK	203	Shotbag Creek	1.50E+00	5.58E-01	0.00E+00	3.26E-01	1.78E+05	5.82E+04	3.00E-02	1.78E+05	5.35E+03	6.20E-01
11/6/98 8.30	CK	204	Bay Creek	1.50E+00	5.80E-01	0.00E+00	4.00E-01	2.73E+05	1.09E+05	3.00E-02	2.73E+05	8.19E+03	6.20E-01
11/6/98 8.30	CK	204	Little Calumet Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	8.87E+04	3.01E+04	3.00E-02	8.87E+04	2.66E+03	6.20E-01
11/6/98 8.31	CK	204	Upper and Lower Swan Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.58E+05	1.83E+06	3.00E-02	4.58E+05	1.37E+04	6.20E-01
11/6/98 8.32	CK	204	Mississippi River	1.50E+00	1.46E+00	0.00E+00	6.92E+00	1.52E+07	1.04E+08	3.00E-02	1.52E+07	4.56E+05	6.20E-01
11/6/98 8.33	CK	302	Maumee River	1.50E+00	7.90E-01	0.00E+00	1.11E+00	2.99E+06	3.32E+06	3.00E-02	2.99E+06	8.97E+04	6.20E-01
11/6/98 8.34	CK	302	Auglaize River	1.50E+00	8.20E-01	0.00E+00	1.25E+00	1.04E+06	1.30E+06	3.00E-02	1.04E+06	3.12E+04	6.20E-01
11/6/98 8.34	CK	302	Six Mile Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.99E+05	6.77E+04	3.00E-02	1.99E+05	5.98E+03	6.20E-01
11/6/98 8.35	CK	304	Big Walnut Creek	1.50E+00	3.96E-01	0.00E+00	1.34E-01	2.60E+06	3.49E+05	3.00E-02	2.60E+06	7.80E+04	6.20E-01
11/6/98 8.36	CK	304	Glenn Flint Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.31E+06	5.26E+06	3.00E-02	1.31E+06	3.94E+04	6.20E-01
11/6/98 8.37	CK	304	Deer Creek	1.50E+00	2.90E-01	0.00E+00	1.01E-01	1.86E+06	1.86E+06	3.00E-02	1.86E+06	5.57E+04	6.20E-01
11/6/98 8.38	CK	320	Mud Davis Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.87E+06	1.55E+07	3.00E-02	3.87E+06	1.16E+05	6.20E-01
11/6/98 8.38	CK	320	Thunder Bay River	1.50E+00	4.97E-01	0.00E+00	4.69E-01	6.05E+06	2.84E+06	3.00E-02	6.05E+06	1.82E+05	6.20E-01
11/6/98 8.39	CK	320	Long Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.90E+07	7.59E+07	3.00E-02	1.90E+07	5.69E+05	6.20E-01
11/6/98 8.40	CK	321	Black Warrior River (most inclusive data)	1.50E+00	9.40E-01	0.00E+00	2.04E+00	3.32E+06	6.77E+06	3.00E-02	3.32E+06	9.96E+04	6.20E-01
11/6/98 8.41	CK	321	Powell Creek	1.50E+00	7.00E-01	0.00E+00	6.70E-01	2.92E+05	1.96E+05	3.00E-02	2.92E+05	8.77E+03	6.20E-01
11/6/98 8.42	CK	321	Lake Demopolis	1.50E+00	NA	1.00E+00	4.00E+00	4.28E+07	1.71E+08	3.00E-02	4.28E+07	1.28E+06	6.20E-01
11/6/98 8.43	CK	321	Lake Henry	1.50E+00	NA	1.00E+00	4.00E+00	1.20E+08	4.81E+08	3.00E-02	1.20E+08	3.61E+06	6.20E-01
11/6/98 8.44	CK	BAT	Monocacy Creek	1.50E+00	5.40E-01	0.00E+00	2.90E-01	1.11E+06	3.21E+05	3.00E-02	1.11E+06	3.32E+04	6.20E-01
11/6/98 8.44	CK	BAT	Lehigh River	1.50E+00	8.38E-01	0.00E+00	7.22E-01	8.63E+06	6.23E+06	3.00E-02	8.63E+06		

Inputs Used for Base Emissions

Facility	Site	Waterbody	Soil Bulk Density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 8:59	CK	TEX	Waxahachie Creek	1.50E+00	1.13E-01	0.00E+00	1.01E-01	1.02E+05	1.03E+04	3.00E-02	1.02E+05	3.06E+03	6.20E-01
11/6/98 9:00	CK	WAM	Conoquenessing Creek	1.50E+00	7.09E-01	0.00E+00	7.16E-01	5.06E+05	5.06E+05	3.00E-02	7.06E+05	2.12E+04	6.20E-01
11/6/98 9:00	CK	WAM	Hereford Manor Lake	1.50E+00	n/a	1.00E+00	4.00E+00	1.88E+05	7.54E+05	3.00E-02	1.88E+05	5.65E+03	6.20E-01
11/6/98 9:01	CK	WAM	Beaver River	1.50E+00	7.92E-01	0.00E+00	1.37E+00	1.16E+06	1.59E+06	3.00E-02	1.16E+06	3.47E+04	6.20E-01
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.50E+00	6.52E-01	0.00E+00	1.14E+00	1.94E+06	2.10E+06	3.00E-02	1.94E+06	5.52E+04	6.20E-01
11/6/98 9:04	LWAK	ARV	James River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.43E+06	5.66E+06	3.00E-02	3.43E+06	1.03E+05	6.20E-01
11/6/98 9:04	LWAK	ARV	Sports Lake	1.50E+00	N/A	1.00E+00	4.00E+00	2.76E+05	1.10E+06	3.00E-02	2.76E+05	8.28E+03	6.20E-01
11/6/98 9:05	LWAK	ARV	Holman Creek	1.50E+00	4.60E-01	0.00E+00	1.80E-01	3.68E+04	6.62E+03	3.00E-02	3.68E+04	1.10E+03	6.20E-01
11/6/98 9:06	LWAK	ARV	Rivanna River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.30E+06	8.74E+05	3.00E-02	1.30E+06	3.91E+04	6.20E-01
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.71E+04	1.03E+04	3.00E-02	5.71E+04	1.71E+03	6.20E-01
11/6/98 9:08	LWAK	BRO	McNeely Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.11E+05	1.25E+06	3.00E-02	3.11E+05	9.34E+03	6.20E-01
11/6/98 9:09	LWAK	BRO	Silver Lake	1.50E+00	NA	1.00E+00	4.00E+00	5.12E+04	2.05E+05	3.00E-02	5.12E+04	1.54E+03	6.20E-01
11/6/98 9:10	LWAK	BRO	Salt River (includes Floyd's Fork)	1.50E+00	7.90E-01	0.00E+00	1.11E+00	3.51E+06	3.89E+06	3.00E-02	3.51E+06	1.05E+05	6.20E-01
11/6/98 9:10	LWAK	CAS	Cascade Creek	1.50E+00	5.60E-01	0.00E+00	7.25E-01	4.14E+05	3.00E+05	3.00E-02	4.14E+05	1.24E+04	6.20E-01
11/6/98 9:11	LWAK	CAS	Smith River	1.50E+00	4.11E-01	0.00E+00	5.27E-01	1.44E+06	7.58E+05	3.00E-02	1.44E+06	4.32E+04	6.20E-01
11/6/98 9:12	LWAK	CAS	Dan River	1.50E+00	5.21E-01	0.00E+00	3.30E-01	4.69E+06	1.55E+06	3.00E-02	4.69E+06	1.41E+05	6.20E-01
11/6/98 9:13	LWAK	COH	Troy Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.78E+05	7.11E+05	3.00E-02	1.78E+05	5.33E+03	6.20E-01
11/6/98 9:14	LWAK	COH	Hudson River	1.50E+00	9.69E-01	0.00E+00	1.59E+00	1.27E+07	2.03E+07	3.00E-02	1.27E+07	3.82E+05	6.20E-01
11/6/98 9:14	LWAK	COH	Mohawk River	1.50E+00	7.50E-01	0.00E+00	6.00E-01	1.61E+07	9.66E+06	3.00E-02	1.61E+07	4.83E+05	6.20E-01
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	7.03E+06	2.81E+07	3.00E-02	7.03E+06	2.11E+05	6.20E-01
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.50E+00	7.60E-01	0.00E+00	9.60E-01	1.96E+06	1.88E+06	3.00E-02	1.96E+06	5.89E+04	6.20E-01
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	1.50E+00	NA	1.00E+00	4.00E+00	5.99E+05	2.39E+06	3.00E-02	5.99E+05	1.80E+04	6.20E-01
11/6/98 9:18	LWAK	NOR	Lake Tillery	1.50E+00	NA	1.00E+00	4.00E+00	1.88E+07	7.50E+07	3.00E-02	1.88E+07	5.63E+05	6.20E-01
11/6/98 9:19	ONCLarge	334	Mississippi River	1.50E+00	1.01E+00	0.00E+00	1.71E+00	2.92E+07	5.00E+07	3.00E-02	2.92E+07	8.78E+05	6.20E-01
11/6/98 9:20	ONCLarge	334	Vermilion River	1.50E+00	2.74E-01	0.00E+00	2.50E-01	1.68E+06	4.21E+05	3.00E-02	1.68E+06	5.05E+04	6.20E-01
11/6/98 9:21	ONCLarge	334	Colby Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.49E+05	1.80E+06	3.00E-02	4.49E+05	1.35E+04	6.20E-01
11/6/98 9:22	ONCLarge	334	Lake Isabelle	1.50E+00	NA	1.00E+00	4.00E+00	3.32E+05	1.33E+06	3.00E-02	3.32E+05	9.97E+03	6.20E-01
11/6/98 9:23	ONCLarge	463	Blue River	1.50E+00	2.74E-01	0.00E+00	5.36E-01	5.52E+05	2.96E+05	3.00E-02	5.52E+05	1.66E+04	6.20E-01
11/6/98 9:23	ONCLarge	463	Rock Creek	1.50E+00	4.60E-01	0.00E+00	1.70E-01	5.89E+04	1.00E+04	3.00E-02	5.89E+04	1.77E+03	6.20E-01
11/6/98 9:24	ONCLarge	463	Shoal Creek	1.50E+00	7.00E-02	0.00E+00	1.37E-01	8.92E+04	1.22E+04	3.00E-02	8.92E+04	2.68E+03	6.20E-01
11/6/98 9:25	ONCLarge	463	Missouri River	1.50E+00	1.06E+00	0.00E+00	1.94E+00	1.10E+07	2.12E+07	3.00E-02	1.10E+07	3.29E+05	6.20E-01
11/6/98 9:26	ONCLarge	464	Ottawa River	1.50E+00	3.72E-01	0.00E+00	1.48E+00	1.27E+06	1.87E+06	3.00E-02	1.27E+06	3.80E+04	6.20E-01
11/6/98 9:27	ONCLarge	464	Twin Lakes Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.33E+04	2.13E+05	3.00E-02	5.33E+04	1.60E+03	6.20E-01
11/6/98 9:27	ONCLarge	464	Matzger/Ferguson Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.84E+06	7.36E+06	3.00E-02	1.84E+06	5.52E+04	6.20E-01
11/6/98 9:28	ONCLarge	504	Pennsauken Creek	1.50E+00	2.07E-01	0.00E+00	2.29E-01	9.73E+04	2.23E+04	3.00E-02	9.73E+04	2.92E+03	6.20E-01
11/6/98 9:29	ONCLarge	504	Darby Creek	1.50E+00	2.96E-01	0.00E+00	1.58E-01	1.76E+05	2.78E+04	3.00E-02	1.76E+05	5.29E+03	6.20E-01
11/6/98 9:30	ONCLarge	504	Cooper River Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.40E+05	1.76E+06	3.00E-02	4.40E+05	1.32E+04	6.20E-01
11/6/98 9:31	ONCLarge	504	Schuykill River	1.50E+00	7.66E-01	0.00E+00	5.79E-01	7.43E+05	4.30E+05	3.00E-02	7.43E+05	2.23E+04	6.20E-01
11/6/98 9:32	ONCLarge	600	Lake Jackson	1.50E+00	NA	1.00E+00	4.00E+00	1.64E+06	6.54E+06	3.00E-02	1.64E+06	4.91E+04	6.20E-01
11/6/98 9:32	ONCLarge	600	Oyster Creek	1.50E+00	4.75E-01	0.00E+00	2.62E-01	1.11E+06	2.90E+05	3.00E-02	1.11E+06	3.32E+04	6.20E-01
11/6/98 9:33	ONCLarge	600	Brazos River	1.50E+00	7.83E-01	0.00E+00	1.66E+00	4.66E+06	8.08E+06	3.00E-02	4.66E+06	1.46E+05	6.20E-01
11/6/98 9:34	ONCLarge	711	Brechtel Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.41E+05	5.64E+05	3.00E-02	1.41E+05	4.23E+03	6.20E-01
11/6/98 9:34	ONCLarge	711	Mississippi River	1.50E+00	2.23E+00	0.00E+00	6.00E+00	6.55E+07	6.55E+07	3.00E-02	6.55E+07	6.97E+06	6.20E-01
11/6/98 9:36	ONCLarge	806	Wolf Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.51E+06	1.40E+07	3.00E-02	3.51E+06	1.05E+05	6.20E-01
11/6/98 9:37	ONCLarge	806	Lake George	1.50E+00	NA	1.00E+00	4.00E+00	5.29E+05	2.12E+06	3.00E-02	5.29E+05	1.59E+04	6.20E-01
11/6/98 9:37	ONCLarge	806	Little Calumet River	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.61E+05	1.91E+05	3.00E-02	5.61E+05	1.68E+04	6.20E-01
11/6/98 9:38	ONCLarge	806	Grand Calumet River	1.50E+00	4.90E-01	0.00E+00	2.30E-01	1.75E+05	4.02E+04	3.00E-02	1.75E+05	5.24E+03	6.20E-01
11/6/98 9:39	ONCLarge	915	Genesee River	1.50E+00	7.32E-01	0.00E+00	5.12E-01	1.08E+06	5.55E+05	3.00E-02	1.08E+06	3.25E+04	6.20E-01
11/6/98 9:40	ONCLarge	915	Iroquois/Lake Bay	1.50E+00	NA	1.00E+00	4.00E+00	2.75E+06	6.88E+06	3.00E-02	2.75E+06	6.98E+05	6.20E-01
11/6/98 9:41	ONCLarge	915	Highland Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	2.29E+04	9.14E+04	3.00E-02	2.29E+04	6.86E+02	6.20E-01
11/6/98 9:42	ONCLarge	A32	Armand Bayou	1.50E+00	3.20E-01	0.00E+00	1.65E-01	8.10E+04	1.34E+04	3.00E-02	8.10E+04	2.43E+03	6.20E-01
11/6/98 9:42	ONCLarge	A43	Twelvemile Creek	1.50E+00	2.13E-01	0.00E+00	9.10E-02	7.23E+04	6.58E+03	3.00E-02	7.23E+04	2.17E+03	6.20E-01
11/6/98 9:43	ONCLarge	A43	Bergholtz Creek	1.50E+00	4.58E-01	0.00E+00	1.71E-01	7.57E+04	1.29E+04	3.00E-02	7.57E+04	2.27E+03	6.20E-01
11/6/98 9:44	ONCLarge	A43	Cuyaga Creek	1.50E+00	3.87E-01	0.00E+00	2.50E-01	1.37E+05	3.41E+04	3.00E-02	1.37E+05	4.10E+03	6.20E-01
11/6/98 9:45	ONCLarge	A43	Niagara River	1.50E+00	7.71E-01	0.00E+00	8.75E-01	2.17E+06	1.90E+06	3.00E-02	2.17E+06	6.51E+04	6.20E-01
11/6/98 9:46	ONCLarge	A50	Carpenters Bayou	1.50E+00	2.74E-01	0.00E+00	1.43E-01	1.44E+05	2.06E+04	3.00E-02	1.44E+05	4.32E+03	6.20E-01
11/6/98 9:47	ONCLarge	A50	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.56E+06	3.00E-02	1.89E+06	5.67E+04	6.20E-01
11/6/98 9:47	ONCLarge	A50	Buffalo Bayou	1.50E+00	6.46E-01	0.00E+00	1.20E+00	1.84E+06	2.20E+06	3.00E-02	1.84E+06	5.53E+04	6.20E-01
11/6/98 9:48	ONCLarge	A50	San Jacinto River	1.50E+00	5.61E-01	0.00E+00	3.51E-01	7.56E+05	2.65E+05	3.00E-02	7.56E+05	2.27E+04	6.20E-01
11/6/98 9:49	ONCLarge	A62	Caney Creek	1.50E+00	2.65E-01	0.00E+00	1.40E-01	3.95E+05	5.54E+04	3.00E-02	3.95E+05	1.19E+04	6.20E-01
11/6/98 9:50	ONCLarge	A62	E & W Fork Crystal Cr.	1.50E+00	7.80E-01	0.00E+00	3.75E-01	3.41E+05	1.28E+05	3.00E-02	3.41E+05	1.02E+04	6.20E-01
11/6/98 9:51	ONCLarge	A62	Stewarts Creek	1.50E+00	2.16E-01	0.00E+00	9.45E-02	1.05E+05	9.87E+03	3.00E-02	1.05E+05	3.14E+03	6.20E-01
11/6/98 9:52	ONCLarge	A62	Lewis Creek Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.75E+06	7.01E+06	3.00E-02	1.75E+06	5.26E+04	6.20E-01
11/6/98 9:52	ONCLarge	B20	Cuyahoga River	1.50E+00	7.30E-01	0.00E+00	8.20E-01	8.47E+05	6.95E+05	3.00E-02	8.47E+05	2.54E+04	6.20E-01
11/6/98 9:53	ONCLarge	B20	Upper and Lower Shaker Lake	1.50E+00	NA	1.00E+00	4.00E+00	9.43E+04	3.77E+05	3.00E-02	9.43E+04	2.83E+03	6.20E-01
11/6/98 9:54	ONCLarge	B20	Euclid Creek	1.50E+00	4.90E-01	0.00E+00	2.30E-01	1.11E+05	2.55E+04	3.00E-02	1.11E+05	3.33E+03	6.20E-01
11/6/98 9:55	ONCLarge	B20	Fairmont Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	2.77E+04	1.11E+05	3.00E-02	2.77E+04	8.30E+02	6.20E-01
11/6/98 9:56	ONCLarge	HAN	Fabus River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.42E+06	4.95E+05	3.00E-02	1.42E+06	4.25E+04	6.20E-01
11/6/98 9:57	ONCLarge	HAN	Spring Lake	1.50E+00	NA	1.00E+00	4.00E+00	2.73E+04	1.09E+05	3.00E-02	2.73E+04	8.18E+02	6.20E-01
11/6/98 9:57	ONCLarge	HAN	Mississippi River	1.50E+00	1.31E+								

Inputs Used for Base Emissions

Facility	Site	Waterbody	Soil Bulk Density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m ²)	Waterbody Volume (m ³)	Sediment Depth (m)	Sediment Area (m ²)	Sediment Volume (m ³)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 10.14	OINCSmall	340	Proctor Creek	1.50E+00	5.60E-01	0.00E+00	3.30E-01	1.48E+05	4.88E+04	3.00E-02	1.48E+05	4.43E+03	6.20E-01
11/6/98 10.14	OINCSmall	340	Fish Creek	1.50E+00	3.26E-01	0.00E+00	5.21E-01	6.50E+05	3.38E+05	3.00E-02	6.50E+05	1.95E+04	6.20E-01
11/6/98 10.15	OINCSmall	340	Ohio River	1.50E+00	8.17E-01	0.00E+00	3.10E+00	1.32E+07	4.08E+07	3.00E-02	1.32E+07	3.96E+05	6.20E-01
11/6/98 10.16	OINCSmall	342	Kalamazoo River	1.50E+00	5.21E-01	0.00E+00	9.27E-01	2.47E+06	2.29E+06	3.00E-02	2.47E+06	7.40E+04	6.20E-01
11/6/98 10.17	OINCSmall	342	East Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.93E+06	5.79E+06	3.00E-02	4.94E+05	1.45E+04	6.20E-01
11/6/98 10.18	OINCSmall	342	Portage Creek	1.50E+00	5.98E-01	0.00E+00	2.91E-01	3.06E+05	8.91E+04	3.00E-02	3.06E+05	9.18E+03	6.20E-01
11/6/98 10.19	OINCSmall	342	Portage River	1.50E+00	2.56E-01	0.00E+00	2.77E-01	3.77E+05	1.04E+05	3.00E-02	3.77E+05	1.13E+04	6.20E-01
11/6/98 10.20	OINCSmall	453	Lake Spivey	1.50E+00	NA	1.00E+00	4.00E+00	1.90E+06	7.59E+06	3.00E-02	1.90E+06	5.69E+04	6.20E-01
11/6/98 10.21	OINCSmall	453	Jester Creek	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.65E+04	1.02E+04	3.00E-02	5.65E+04	1.69E+03	6.20E-01
11/6/98 10.22	OINCSmall	453	Flint River	1.50E+00	5.80E-01	0.00E+00	4.00E-01	4.09E+05	1.64E+05	3.00E-02	4.09E+05	1.23E+04	6.20E-01
11/6/98 10.23	OINCSmall	468	Wissahickon Creek	1.50E+00	5.80E-01	0.00E+00	3.70E-01	3.83E+05	1.42E+05	3.00E-02	3.83E+05	1.15E+04	6.20E-01
11/6/98 10.25	OINCSmall	468	Tacony Creek	1.50E+00	7.05E+00	0.00E+00	2.16E-01	1.17E+06	2.54E+04	3.00E-02	1.17E+06	3.52E+03	6.20E-01
11/6/98 10.26	OINCSmall	468	Schuykill	1.50E+00	7.56E-01	0.00E+00	5.79E-01	1.45E+06	8.42E+05	3.00E-02	1.45E+06	4.36E+04	6.20E-01
11/6/98 19.30	OINCSmall	468	Pickering Creek Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.33E+05	2.13E+06	3.00E-02	5.33E+05	1.60E+04	6.20E-01
11/6/98 19.31	OINCSmall	701	Wabash River	1.50E+00	9.14E-01	0.00E+00	8.50E-01	3.78E+06	3.22E+06	3.00E-02	3.78E+06	1.13E+05	6.20E-01
11/6/98 19.32	OINCSmall	701	Sugar Creek	1.50E+00	5.36E-01	0.00E+00	2.13E-01	2.25E+05	4.78E+04	3.00E-02	2.25E+05	6.74E+03	6.20E-01
11/6/98 19.33	OINCSmall	701	Big Raconon Creek	1.50E+00	4.79E-01	0.00E+00	3.54E-01	7.67E+05	2.71E+05	3.00E-02	7.67E+05	2.30E+04	6.20E-01
11/6/98 19.34	OINCSmall	704	Garvey Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.17E+06	4.89E+05	3.00E-02	1.17E+06	3.51E+03	6.20E-01
11/6/98 19.35	OINCSmall	704	Logg Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.36E+05	5.43E+05	3.00E-02	1.36E+05	4.07E+03	6.20E-01
11/6/98 19.36	OINCSmall	704	Silver Lake Res.	1.50E+00	NA	1.00E+00	4.00E+00	2.97E+05	1.19E+06	3.00E-02	2.97E+05	8.92E+03	6.20E-01
11/6/98 19.36	OINCSmall	708	Grindle Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.06E+05	1.72E+05	3.00E-02	5.06E+05	1.52E+04	6.20E-01
11/6/98 19.37	OINCSmall	708	Parker Creek	1.50E+00	4.60E-01	0.00E+00	1.80E-01	6.38E+04	1.15E+04	3.00E-02	6.38E+04	1.91E+03	6.20E-01
11/6/98 19.38	OINCSmall	708	Tranters Creek	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.04E+06	6.98E+05	3.00E-02	1.04E+06	3.13E+04	6.20E-01
11/6/98 19.39	OINCSmall	725	Passaic River	1.50E+00	5.67E-01	0.00E+00	5.18E-01	1.06E+06	5.51E+07	3.00E-02	1.06E+06	3.19E+06	6.20E-01
11/6/98 19.40	OINCSmall	725	Silver Lake Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	3.83E+05	1.53E+06	3.00E-02	3.83E+05	1.15E+04	6.20E-01
11/6/98 19.41	OINCSmall	725	Reservoir No. 2	1.50E+00	NA	1.00E+00	4.00E+00	1.05E+05	4.19E+05	3.00E-02	1.05E+05	3.15E+03	6.20E-01
11/6/98 19.42	OINCSmall	725	Rahway River	1.50E+00	3.72E-01	0.00E+00	4.60E-01	1.39E+08	6.39E+07	3.00E-02	1.39E+08	4.17E+06	6.20E-01
11/6/98 19.42	OINCSmall	824	Newton Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.91E+05	1.56E+06	3.00E-02	3.91E+05	1.17E+04	6.20E-01
11/6/98 19.43	OINCSmall	824	Big Timber Creek	1.50E+00	2.01E-01	0.00E+00	2.01E-01	5.13E+04	1.03E+04	3.00E-02	5.13E+04	1.54E+03	6.20E-01
11/6/98 19.44	OINCSmall	824	Darby Creek	1.50E+00	2.96E-01	0.00E+00	1.59E-01	1.45E+05	2.22E+04	3.00E-02	1.45E+05	4.34E+03	6.20E-01
11/6/98 19.45	OINCSmall	824	Schuykill River	1.50E+00	7.56E-01	0.00E+00	5.79E-01	5.53E+05	3.20E+05	3.00E-02	5.53E+05	1.66E+04	6.20E-01
11/6/98 19.46	OINCSmall	904	Pascagoula River	1.50E+00	1.05E+00	0.00E+00	4.57E+00	9.20E+05	4.21E+06	3.00E-02	9.20E+05	2.76E+04	6.20E-01
11/6/98 19.47	OINCSmall	904	Escatapa River	1.50E+00	7.10E-01	0.00E+00	9.51E-01	2.04E+06	1.94E+06	3.00E-02	2.04E+06	6.11E+04	6.20E-01
11/6/98 19.48	OINCSmall	906	Mississippi River	1.50E+00	9.24E-01	0.00E+00	2.94E+00	1.41E+07	4.15E+07	3.00E-02	1.41E+07	4.23E+05	6.20E-01
11/6/98 19.48	OINCSmall	906	Coopers Creek	1.50E+00	3.11E-01	0.00E+00	2.74E-01	2.20E+05	6.02E+04	3.00E-02	2.20E+05	6.59E+03	6.20E-01
11/6/98 19.49	OINCSmall	906	Eliza Creek	1.50E+00	3.20E-01	0.00E+00	2.83E-01	2.75E+05	7.77E+04	3.00E-02	2.75E+05	8.24E+03	6.20E-01
11/6/98 19.50	OINCSmall	906	Muscataine Slough	1.50E+00	5.60E-01	0.00E+00	3.30E-01	2.94E+05	9.71E+04	3.00E-02	2.94E+05	8.83E+03	6.20E-01
11/6/98 19.51	OINCSmall	A14	New River	1.50E+00	3.20E-01	0.00E+00	2.93E-01	5.57E+05	1.63E+05	3.00E-02	5.57E+05	1.67E+04	6.20E-01
11/6/98 19.52	OINCSmall	A14	Bayou Conway	1.50E+00	5.60E-01	0.00E+00	3.30E-01	3.01E+05	9.94E+04	3.00E-02	3.01E+05	9.04E+03	6.20E-01
11/6/98 19.53	OINCSmall	A14	Mississippi River	1.50E+00	2.23E+00	0.00E+00	6.68E+00	6.07E+07	4.04E+08	3.00E-02	6.07E+07	1.82E+06	6.20E-01
11/6/98 19.54	OINCSmall	A14	Bayou Lafourche	1.50E+00	6.60E-01	0.00E+00	5.60E-01	2.84E+05	1.59E+05	3.00E-02	2.84E+05	8.53E+03	6.20E-01
11/6/98 19.55	OINCSmall	A26	Big Creek (includes Sulfur Spring Creek)	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.86E+04	1.05E+04	3.00E-02	5.86E+04	1.76E+03	6.20E-01
11/6/98 19.56	OINCSmall	A26	Caney Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.69E+05	5.79E+04	3.00E-02	1.69E+05	5.06E+03	6.20E-01
11/6/98 19.56	OINCSmall	A26	Dota Creek	1.50E+00	7.00E-01	0.00E+00	6.70E-01	8.75E+05	5.86E+05	3.00E-02	8.75E+05	2.62E+04	6.20E-01
11/6/98 19.57	OINCSmall	A31	Nottaway River	1.50E+00	7.90E-01	0.00E+00	1.11E+00	2.35E+06	2.61E+06	3.00E-02	2.35E+06	7.06E+04	6.20E-01
11/6/98 19.58	OINCSmall	A31	Chowan River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.45E+06	5.69E+06	3.00E-02	3.45E+06	1.03E+05	6.20E-01
11/6/98 19.59	OINCSmall	A31	Nottaway Swamp (a creek)	1.50E+00	5.50E-01	0.00E+00	3.40E-01	2.44E+05	8.29E+04	3.00E-02	2.44E+05	7.32E+03	6.20E-01
11/6/98 20.00	OINCSmall	A45	Sheldon Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	2.12E+07	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 20.00	OINCSmall	A45	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	7.59E+06	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 20.02	OINCSmall	A45	Greens Bayou	1.50E+00	5.20E-01	0.00E+00	2.80E-01	4.71E+05	1.32E+05	3.00E-02	4.71E+05	1.41E+04	6.20E-01
11/6/98 20.02	OINCSmall	A45	Buffalo Bayou	1.50E+00	6.70E-01	0.00E+00	6.00E-01	6.06E+05	3.64E+05	3.00E-02	6.06E+05	1.82E+04	6.20E-01
11/6/98 20.03	OINCSmall	A46	Little Muskingum River	1.50E+00	6.40E-01	0.00E+00	5.40E-01	4.31E+05	2.33E+05	3.00E-02	4.31E+05	1.29E+04	6.20E-01
11/6/98 20.04	OINCSmall	A46	Ohio River	1.50E+00	1.16E+00	0.00E+00	4.22E+00	8.49E+06	3.58E+07	3.00E-02	8.49E+06	2.55E+05	6.20E-01
11/6/98 20.05	OINCSmall	A46	Middle Island Creek	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.61E+06	1.08E+06	3.00E-02	1.61E+06	4.82E+04	6.20E-01
11/6/98 20.06	OINCSmall	A47	Caney River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.80E+06	1.21E+06	3.00E-02	1.80E+06	5.40E+04	6.20E-01
11/6/98 20.07	OINCSmall	A47	Sand Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.07E+05	1.72E+05	3.00E-02	5.07E+05	1.52E+04	6.20E-01
11/6/98 20.08	OINCSmall	A47	Bar-Dew Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.65E+05	6.58E+05	3.00E-02	1.65E+05	4.94E+03	6.20E-01
11/6/98 20.09	OINCSmall	A47	Lake Hudson	1.50E+00	NA	1.00E+00	4.00E+00	1.13E+06	4.54E+06	3.00E-02	1.13E+06	3.40E+04	6.20E-01
11/6/98 20.09	OINCSmall	A55	Mohawk River	1.50E+00	7.68E-01	0.00E+00	7.71E-01	2.71E+06	2.09E+06	3.00E-02	2.71E+06	8.14E+04	6.20E-01
11/6/98 20.10	OINCSmall	A55	Acipause Kill River	1.50E+00	2.96E-01	0.00E+00	1.83E-01	1.70E+05	3.11E+04	3.00E-02	1.70E+05	5.10E+03	6.20E-01
11/6/98 20.11	OINCSmall	A55	Stony Creek Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.72E+06	6.89E+06	3.00E-02	1.72E+06	5.16E+04	6.20E-01
11/6/98 20.12	OINCSmall	A55	Waterlot Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.60E+06	6.41E+06	3.00E-02	1.60E+06	4.81E+04	6.20E-01
11/6/98 20.13	OINCSmall	B18	Gulf Intercoastal Waterway	1.50E+00	4.36E-01	0.00E+00	5.67E-01	1.46E+06	8.29E+05	3.00E-02	1.46E+06	4.39E+04	6.20E-01
11/6/98 20.14	OINCSmall	B18	Bayou La Butte	1.50E+00	5.60E-01	0.00E+00	3.30E-01	9.79E+04	3.23E+04	3.00E-02	9.79E+04	2.94E+03	6.20E-01
11/6/98 20.15	OINCSmall	B18	Mississippi River	1.50E+00	2.23E+00	0.00E+00	6.64E+00	6.51E+07	4.32E+08	3.00E-02	6.51E+07	1.95E+06	6.20E-01
11/6/98 20.16	OINCSmall	B18	Bayou Manchac	1.50E+00	2.01E-01	0.00E+00	2.26E-01	1.74E+05	3.93E+04	3.00E-02	1.74E+05	5.22E+03	6.20E-01
11/6/98 20.16	OINCSmall	B23	Hillbrant Bayou	1.50E+00	3.47E-01	0.00E+00	3.90E-01	3.26E+05	1.27E+05	3.00E-02	3.26E+05	9.78E+03	6.20E-01
11/6/98 20.17	OINCSmall	B23	Cow Bayou	1.50E+00	4.21E-01	0.00E+00	2.77E-01	3.80E+05	3.80E+05	3.00E-02	3.80E+05	1.14E+04	6.20E-01
11/6/98 20.18	OINCSmall	B23	Neches River	1.50E+00	8.44E-01								

Inputs Used for Base Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])
11/6/98 20:35	OINCSmall TOC	Blue Lakes	1.50E+00	NA	1.00E+00	4.00E+00	2.45E+05	9.80E+05	3.00E-02	2.45E+05	7.35E+03	6.20E-01
11/6/98 20:36	OINCSmall TOC	Soldier Creek	1.50E+00	4.60E-01	0.00E+00	1.70E-01	8.04E+04	1.37E+04	3.00E-02	8.04E+04	2.41E+03	6.20E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 7.43	CINC	209	Lawsons Fork Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.44	CINC	209	Tyger River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.45	CINC	209	Fair Forest Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.45	CINC	209	Middle Tyger River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.46	CINC	214	Fish Ponds	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.47	CINC	214	Lake Clause	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.48	CINC	214	University Lake/ City Park Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.48	CINC	214	Comite River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.49	CINC	221	Highlands Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.50	CINC	221	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.51	CINC	221	San Jacinto River /Houston Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.52	CINC	324	Shades Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.52	CINC	324	Valley Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.53	CINC	324	Bayview Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.54	CINC	324	Cahaba River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.55	CINC	325	Big Hill Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.56	CINC	325	Potato Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.57	CINC	325	Claymore Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.58	CINC	325	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 7.59	CINC	331	Rocky River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.00	CINC	331	East Branch Black River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.01	CINC	331	Wyleswood Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.02	CINC	331	Baldwin Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.03	CINC	359	Kentucky River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.04	CINC	359	Indian Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.05	CINC	359	Indian Kentucky Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.06	CINC	359	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.07	CINC	A15	Tonawanda Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.08	CINC	A15	Murder Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.09	CINC	A15	Ellicott Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.10	CINC	A18	Taylor Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.11	CINC	A18	Hillebrandt Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.12	CINC	A18	Viterbo Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.13	CINC	CAL	Tennessee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.14	CINC	CAL	Kentucky Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.15	CINC	CAL	Barkley Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.16	CINC	CAU	Cumberland River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.17	CINC	ELD	Flat Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.19	CINC	ELD	Salt Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.19	CINC	ELD	Calton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.20	CINC	ELD	Ouachita River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.21	CINC	SAU	Horseshoe Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.22	CINC	SAU	Old Cahoon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.23	CINC	SAU	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.24	CK	202	Elk City Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.25	CK	202	Montgomery County State Park Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.26	CK	202	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.26	CK	203	Catalpa Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.27	CK	203	Osage River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.28	CK	203	N. Branch Magawah Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.29	CK	203	Shotbag Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.30	CK	204	Bay Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.30	CK	204	Little Calumet Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.31	CK	204	Upper and Lower Swan Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.32	CK	204	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.33	CK	302	Maumee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.34	CK	302	Auglaize River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.34	CK	302	Six Mile Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.35	CK	304	Big Walnut Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.36	CK	304	Glenn Flint Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.37	CK	304	Dear Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.38	CK	320	Mud Davis Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.38	CK	320	Thunder Bay River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.39	CK	320	Long Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.40	CK	321	Black Warrior River (most inclusive data)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.41	CK	321	Powell Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.42	CK	321	Lake Demopolis	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.42	CK	BAT	Lake Henry	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.43	CK	BAT	Monocacy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.44	CK	BAT	Lehigh River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.45	CK	CHA	Allen Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.46	CK	CHA	Sante Fe Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.47	CK	CHA	Neosho River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.47	CK	FOR	Walnut Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.48	CK	FOR	West Flat Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.49	CK	FOR	Hamilton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.50	CK	FRE	Salt Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.51	CK	FRE	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.51	CK	FRE	Fall River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.52	CK	HAR	Indian Field Swamp	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.53	CK	HAR	Walnut Branch	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.54	CK	HAR	Huttos Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.55	CK	HOL	Huttos Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.55	CK	HOL	Lake Merkel	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.56	CK	TEX	Armstrong Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.57	CK	TEX	Massay Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 8.58	CK	TEX	Mountain Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02

Inputs Used for Base Emissions

	Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 8:59	CK	TEX	Waxahatchie Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:00	CK	WAM	Connoquenessing Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:00	CK	WAM	Hereford Manor Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:01	CK	WAM	Beaver River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:02	CK	WAM	Slippery Rock Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:04	LWAK	ARV	James River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:04	LWAK	ARV	Sports Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:05	LWAK	ARV	Holman Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:06	LWAK	ARV	Rivanna River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:08	LWAK	BRO	McNeely Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:09	LWAK	BRO	Silver Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:10	LWAK	CAS	Cascade Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:11	LWAK	CAS	Smith River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:12	LWAK	CAS	Dan River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:13	LWAK	COH	Troy Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:14	LWAK	COH	Hudson River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:14	LWAK	COH	Mohawk River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:18	LWAK	NOR	Lake Tillery	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:19	INCLarge	334	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:20	INCLarge	334	Vermilion River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:21	INCLarge	334	Colby Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:22	INCLarge	334	Lake Isabelle	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:23	INCLarge	463	Blue River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:23	INCLarge	463	Rock Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:24	INCLarge	463	Shoal Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:25	INCLarge	463	Missouri River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:26	INCLarge	464	Ottawa River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:27	INCLarge	464	Twin Lakes Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:27	INCLarge	464	Metzger/Ferguson Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:28	INCLarge	504	Pennsauken Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:29	INCLarge	504	Darby Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:30	INCLarge	504	Cooper River Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:31	INCLarge	504	Schuykill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:32	INCLarge	600	Lake Jackson	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:32	INCLarge	600	Oyster Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:33	INCLarge	600	Brazos River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:34	INCLarge	711	Brechtel Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:35	INCLarge	711	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:36	INCLarge	806	Wolf Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:37	INCLarge	806	Lake George	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:37	INCLarge	806	Little Calumet River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:38	INCLarge	806	Grand Calumet River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:39	INCLarge	915	Genesee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:40	INCLarge	915	Iroquois Bay	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:41	INCLarge	915	Highland Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:42	INCLarge	A32	Armand Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:42	INCLarge	A43	Twelvemile Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:43	INCLarge	A43	Bergholtz Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:44	INCLarge	A43	Cayuga Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:45	INCLarge	A43	Niagara River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:46	INCLarge	A50	Carpenters' Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:47	INCLarge	A50	Highlands Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:47	INCLarge	A50	Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:48	INCLarge	A50	San Jacinto River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:49	INCLarge	A62	Caney Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:50	INCLarge	A62	E & W Fork Crystal Cr.	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:51	INCLarge	A62	Stewarts Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:52	INCLarge	A62	Lewis Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:52	INCLarge	B20	Cuyahoga River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:53	INCLarge	B20	Upper and Lower Shaker Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:54	INCLarge	B20	Euclid Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:55	INCLarge	B20	Fairmont Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:56	INCLarge	HAN	Fabus River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:57	INCLarge	HAN	Spring Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:57	INCLarge	HAN	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:58	INCLarge	KIN	North Fork Holston River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 9:59	INCLarge	KIN	Kingsport Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:00	INCLarge	KIN	South Fork Holston River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:01	INCLarge	KIN	Reedy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:02	INCLarge	MCI	Hals Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:02	INCLarge	MCI	Helicat Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:03	INCLarge	MCI	Alabama River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:04	INCLarge	MCI	Tombigbee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:05	INCLarge	MID	Titabawassee River (plus Sanford Lake)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:06	INCLarge	MID	Sturgeon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:07	INCLarge	MID	Kankawlin River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:08	INCLarge	MID	Chippewa River (most inclusive data)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:08	INCLarge	STG	Bayou Plaquemine	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:09	INCLarge	STG	Manchac Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:10	INCLarge	STG	Bayou Fountain	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:11	INCLarge	STG	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 10:13	INCLSmall	340	Sunfish Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02

Inputs Used for Base Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 10:14	ONCSmall 340	Proctor Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:14	ONCSmall 340	Fish Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:15	ONCSmall 340	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:16	ONCSmall 342	Kalamazoo River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:17	ONCSmall 342	East Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:18	ONCSmall 342	Portage Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:19	ONCSmall 342	Portage River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:20	ONCSmall 453	Lake Spivey	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:21	ONCSmall 453	Jester Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:22	ONCSmall 453	Flint River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:23	ONCSmall 468	Wissahickon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:25	ONCSmall 468	Tacony Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 10:26	ONCSmall 468	Schuykill	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:30	ONCSmall 468	Pickering Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:31	ONCSmall 701	Wabash River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:32	ONCSmall 701	Sugar Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:33	ONCSmall 701	Big Racoon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:34	ONCSmall 704	Garvey Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:35	ONCSmall 704	Logg Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:36	ONCSmall 704	Silver Lake Res.	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:36	ONCSmall 708	Grindle Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:37	ONCSmall 708	Parker Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:38	ONCSmall 708	Tranters Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:39	ONCSmall 725	Pascassic River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:40	ONCSmall 725	Silver Lake Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:41	ONCSmall 725	Reservoir No. 2	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:42	ONCSmall 725	Rahway River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:42	ONCSmall 824	Newton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:43	ONCSmall 824	Big Timber Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:44	ONCSmall 824	Darby Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:45	ONCSmall 824	Schuykill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:46	ONCSmall 904	Pascagoula River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:47	ONCSmall 904	Escatawpa River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:48	ONCSmall 906	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:48	ONCSmall 906	Cooperas Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:49	ONCSmall 906	Eliza Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:50	ONCSmall 906	Muscataine Slough	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:51	ONCSmall A14	New River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:52	ONCSmall A14	Bayou Conway	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:53	ONCSmall A14	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:54	ONCSmall A14	Bayou Lafourche	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:55	ONCSmall A26	Big Creek (includes Sulfur Spring Creek)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:55	ONCSmall A26	Carroll Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:56	ONCSmall A26	Dota Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:57	ONCSmall A31	Nottaway River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:58	ONCSmall A31	Chowan River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:59	ONCSmall A31	Nottaway Swamp (a creek)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:00	ONCSmall A45	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:01	ONCSmall A45	Highland Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:02	ONCSmall A45	Greens Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:02	ONCSmall A45	Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:03	ONCSmall A46	Little Muskingum River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:04	ONCSmall A46	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:05	ONCSmall A46	Middle Island Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:06	ONCSmall A47	Caney River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:07	ONCSmall A47	Sand Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:08	ONCSmall A47	Bar-Dew Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:09	ONCSmall A47	Lake Hudson	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:09	ONCSmall A55	Mohawk River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:10	ONCSmall A55	Acplause Kill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:11	ONCSmall A55	Stony Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:12	ONCSmall A55	Waterliet Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:13	ONCSmall B18	Gulf Interoceanal Waterway	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:14	ONCSmall B18	Bayou La Butte	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:15	ONCSmall B18	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:16	ONCSmall B18	Bayou Manchac	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:16	ONCSmall B23	Hillbrandt Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:17	ONCSmall B23	Cow Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:18	ONCSmall B23	Neches River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:19	ONCSmall B23	Port Arthur Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:35	ONCSmall B31	Wassahickon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:36	ONCSmall B31	Neshaminy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:37	ONCSmall B31	Peace Valley Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 19:38	ONCSmall B31	Schuykill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:23	ONCSmall B32	Cedar Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:24	ONCSmall B32	Cary Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:25	ONCSmall B32	Goose Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:26	ONCSmall B37	Arkansas River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:27	ONCSmall B37	Plum Bayou (includes Black Bayou and Bayou Peta)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:28	ONCSmall B37	Yellow Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:29	ONCSmall B37	Lake Pine Bluff	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:30	ONCSmall B44	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:31	ONCSmall B44	Greens Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:32	ONCSmall B44	Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:32	ONCSmall B44	Hunting Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:33	ONCSmall TOO	Rush Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 20:34	ONCSmall TOO	Box Elder Wash	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 20:35	OINCSmall TOC	Blue Lakes	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 20:36	OINCSmall TOC	Soldier Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)	
11/6/98 7.43	CINC	209	Lawsons Fork Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.44	CINC	209	Tyger River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.45	CINC	209	Fair Forest Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.45	CINC	209	Middle Tyger River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.46	CINC	214	Fish Ponds	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.47	CINC	214	Lake Clause	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.48	CINC	214	University Lake/ City Park Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.48	CINC	214	Comite River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.49	CINC	221	Highlands Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.50	CINC	221	Sheldon Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.51	CINC	221	San Jacinto River / Houston Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.52	CINC	324	Shades Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.52	CINC	324	Valley Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.53	CINC	324	Bayview Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.54	CINC	324	Cahaba River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.55	CINC	325	Big Hill Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.56	CINC	325	Potato Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.57	CINC	325	Claymore Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.58	CINC	325	Verdigris River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7.59	CINC	331	Rocky River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.00	CINC	331	East Branch Black River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.01	CINC	331	Wyleswood Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.02	CINC	331	Baldwin Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.03	CINC	359	Kentucky River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.04	CINC	359	Indian Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.05	CINC	359	Indian Kentucky Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.06	CINC	359	Ohio River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.07	CINC	A15	Tonawanda Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.08	CINC	A15	Murder Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.09	CINC	A15	Ellicott Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.10	CINC	A18	Taylor Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.11	CINC	A18	Hillebrandt Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.12	CINC	A18	Viterbo Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.13	CINC	CAL	Tennessee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.14	CINC	CAL	Kentucky Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.15	CINC	CAL	Barkley Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.16	CINC	CAL	Cumberland River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.17	CINC	ELD	Flat Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.19	CINC	ELD	Salt Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.19	CINC	ELD	Callon Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.20	CINC	ELD	Ouachita River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.21	CINC	SAU	Horseshoe Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.22	CINC	SAU	Old Cahokia Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.23	CINC	SAU	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.24	CK	202	Elk City Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.25	CK	202	Montgomery County State Park Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.26	CK	202	Verdigris River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.26	CK	203	Catalpa Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.27	CK	203	Gilmer Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.28	CK	203	N. Branch Magowah Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.29	CK	203	Shotbag Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.30	CK	204	Bay Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.30	CK	204	Little Calumet Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.31	CK	204	Upper and Lower Swan Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.32	CK	204	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.33	CK	302	Maumee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.34	CK	302	Auglaize River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.34	CK	302	Six Mile Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.35	CK	304	Big Walnut Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.36	CK	304	Glenn Flint Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.37	CK	304	Deer Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.38	CK	320	Mud Davits Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.38	CK	320	Thunder Bay River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.39	CK	320	Long Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.40	CK	321	Black Warrior River (most inclusive data)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.41	CK	321	Powell Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.42	CK	321	Lake Demopolis	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.42	CK	321	Lake Henry	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.43	CK	BAT	Monocacy Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.44	CK	BAT	Lehigh River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.45	CK	CHA	Allen Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.46	CK	CHA	Sante Fe Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.47	CK	CHA	Nesho River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.47	CK	FOR	Walnut Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.48	CK	FOR	West Flat Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.49	CK	FOR	Hamilton Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.50	CK	FRE	Salt Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.51	CK	FRE	Verdigris River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.51	CK	FRE	Fall River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.52	CK	HAR	Indian Field Swamp	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.53	CK	HAR	Walnut Branch	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 8.54	CK	HAR	Huttos Lake	6.41E-06							

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)	
11/6/98 8:59	CK	TEX	Waxahachie Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:00	CK	WAM	Connoquenessing Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:00	CK	WAM	Hereford Manor Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:01	CK	WAM	Beaver River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:02	CK	WAM	Slippery Rock Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:04	LWAK	ARV	James River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:04	LWAK	ARV	Sports Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:05	LWAK	ARV	Holman Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:06	LWAK	ARV	Rivanna River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:07	LWAK	BRO	Blueick Creek (includes Clear Run)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:08	LWAK	BRO	McNeely Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:09	LWAK	BRO	Silver Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:10	LWAK	CAS	Cascade Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:11	LWAK	CAS	Smith River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:12	LWAK	CAS	Dan River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:13	LWAK	COH	Troy Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:14	LWAK	COH	Hudson River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:14	LWAK	COH	Mohawk River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:18	LWAK	NOR	Lake Tillery	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:19	ONCLarge	334	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:20	ONCLarge	334	Vermilion River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:21	ONCLarge	334	Colby Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:22	ONCLarge	334	Lake Isabelle	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:23	ONCLarge	463	Blue River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:23	ONCLarge	463	Rock Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:24	ONCLarge	463	Shoal Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:25	ONCLarge	463	Missouri River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:26	ONCLarge	464	Ottawa River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:27	ONCLarge	464	Twin Lakes Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:27	ONCLarge	464	Metzger/Ferguson Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:28	ONCLarge	504	Pennsauken Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:29	ONCLarge	504	Darby Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:30	ONCLarge	504	Cooper River Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:31	ONCLarge	504	Schuykill River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:32	ONCLarge	600	Lake Jackson	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:32	ONCLarge	600	Oyster Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:33	ONCLarge	600	Brazos River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:34	ONCLarge	711	Brechtel Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:35	ONCLarge	711	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:36	ONCLarge	806	Wolf Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:37	ONCLarge	806	Lake George	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:37	ONCLarge	806	Little Calumet River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:38	ONCLarge	806	Grand Calumet River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:39	ONCLarge	915	Genesee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:40	ONCLarge	915	Iroquoisquit Bay	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:41	ONCLarge	915	Highland Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:42	ONCLarge	A32	Armand Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:42	ONCLarge	A43	Twelvemile Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:43	ONCLarge	A43	Bergholtz Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:44	ONCLarge	A43	Cayuga Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:45	ONCLarge	A43	Niagara River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:46	ONCLarge	A50	Carpenters Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:47	ONCLarge	A50	Highlands Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:47	ONCLarge	A50	Buffalo Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:48	ONCLarge	A50	San Jacinto River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:49	ONCLarge	A62	Caney Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:50	ONCLarge	A62	E & W Fork Crystal Cr.	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:51	ONCLarge	A62	Stewarts Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:52	ONCLarge	A62	Lewis Creek Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:52	ONCLarge	B20	Cuyahoga River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:53	ONCLarge	B20	Upper and Lower Shaker Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:54	ONCLarge	B20	Euclid Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:55	ONCLarge	B20	Fairmont Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:56	ONCLarge	HAN	Fabius River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:57	ONCLarge	HAN	Spring Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:57	ONCLarge	HAN	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:58	ONCLarge	KIN	North Fork Holston River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 9:59	ONCLarge	KIN	Kingsport Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:00	ONCLarge	KIN	South Fork Holston River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:01	ONCLarge	KIN	Reedy Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:02	ONCLarge	MCI	Hals Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:02	ONCLarge	MCI	Helicat Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:03	ONCLarge	MCI	Alabama River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:04	ONCLarge	MCI	Tombigbee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:05	ONCLarge	MID	Titabawassee River (plus Sanford Lake)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:06	ONCLarge	MID	Sturgeon Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10:07	ONCLarge	MID	Kawkawin River	6.41E-06							

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 D. w. water diffusion coefficient, cm2/s	Hg2 D. w. water diffusion coefficient, cm2/s	MHg D. w. water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)
11/6/98 10.14	OINCSmall	340 Proctor Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.14	OINCSmall	340 Fish Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.15	OINCSmall	340 Ohio River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.16	OINCSmall	342 Kalamazoo River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.17	OINCSmall	342 East Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.18	OINCSmall	342 Portage Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.19	OINCSmall	342 Portage River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.20	OINCSmall	453 Lake Spivey	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.21	OINCSmall	453 Jester Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.22	OINCSmall	453 Flint River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.23	OINCSmall	468 Wassahickon Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.25	OINCSmall	468 Tacony Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 10.26	OINCSmall	468 Schuykill	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.30	OINCSmall	468 Pickering Creek Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.31	OINCSmall	701 Wabash River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.32	OINCSmall	701 Sugar Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.33	OINCSmall	701 Big Racon Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.34	OINCSmall	704 Garvey Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.35	OINCSmall	704 Logg Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.36	OINCSmall	704 Silver Lake Res.	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.36	OINCSmall	708 Grindle Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.37	OINCSmall	708 Parker Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.38	OINCSmall	708 Tranters Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.39	OINCSmall	725 Passaic River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.40	OINCSmall	725 Silver Lake Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.41	OINCSmall	725 Reservoir No. 2	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.42	OINCSmall	725 Rahway River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.42	OINCSmall	824 Newton Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.43	OINCSmall	824 Big Timber Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.44	OINCSmall	824 Darby Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.45	OINCSmall	824 Schuykill River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.46	OINCSmall	904 Pascagoula River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.47	OINCSmall	904 Escatampa River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.48	OINCSmall	906 Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.48	OINCSmall	906 Cooperas Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.49	OINCSmall	906 Eliza Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.50	OINCSmall	906 Muscatine Slough	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.51	OINCSmall	A14 New River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.52	OINCSmall	A14 Bayou Conway	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.53	OINCSmall	A14 Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.54	OINCSmall	A14 Bayou Lafourche	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.55	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.55	OINCSmall	A26 Carter Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.56	OINCSmall	A26 Dots Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.57	OINCSmall	A31 Nottaway River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.58	OINCSmall	A31 Chowan River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.59	OINCSmall	A31 Nottaway Swamp (a creek)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.00	OINCSmall	A45 Sheldon Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.01	OINCSmall	A45 Highlands Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.02	OINCSmall	A45 Greens Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.02	OINCSmall	A45 Buffalo Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.03	OINCSmall	A46 Little Muskingum River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.04	OINCSmall	A46 Ohio River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.05	OINCSmall	A46 Middle Island Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.06	OINCSmall	A47 Caney River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.07	OINCSmall	A47 Sand Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.08	OINCSmall	A47 Bar-Dew Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.09	OINCSmall	A47 Lake Hudson	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.09	OINCSmall	A55 Mohawk River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.10	OINCSmall	A55 Acplause Kill River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.11	OINCSmall	A55 Stony Creek Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.12	OINCSmall	A55 Waterlief Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.13	OINCSmall	B18 Gulf Intercoastal Waterway	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.14	OINCSmall	B18 Bayou La Butte	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.15	OINCSmall	B18 Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.16	OINCSmall	B18 Bayou Manchac	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.16	OINCSmall	B23 Hillbrant Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.17	OINCSmall	B23 Cow Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.18	OINCSmall	B23 Neches River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.19	OINCSmall	B23 Port Arthur Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.35	OINCSmall	B31 Wassahickon Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.36	OINCSmall	B31 Neshaminy Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.37	OINCSmall	B31 Peace Valley Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19.38	OINCSmall	B31 Schuykill River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.23	OINCSmall	B32 Cedar Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.24	OINCSmall	B32 Cary Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.25	OINCSmall	B32 Goose Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.26	OINCSmall	B37 Arkansas River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.27	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.28	OINCSmall	B37 Yellow Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.29	OINCSmall	B37 Lake Pine Bluff	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.30	OINCSmall	B44 Sheldon Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20.31	OINCSmall	B44 Greens Bayou	6.41E-06	6.41E-06						

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 20:36	OINCSmall TOC	Soldier Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04

Inputs Used for Base Emissions

Facility	Site	Waterbody	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)	MHg Suspended Biotic solids Kd (L/kg)
11/6/98 8:59	CK	TEX Waxahachie Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:00	CK	WAM Connoquenessing Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:00	CK	WAM Hereford Manor Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:01	CK	WAM Beaver River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:02	CK	WAM Slippery Rock Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:04	LWAK	ARV James River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:04	LWAK	ARV Sports Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:05	LWAK	ARV Holman Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:06	LWAK	ARV Rivanna River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:07	LWAK	BRO Bluelick Creek (includes Clear Run)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:08	LWAK	BRO McNeely Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:09	LWAK	BRO Silver Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:09	LWAK	BRO Salt River (includes Floyd's Fork)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:10	LWAK	CAS Cascade Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:11	LWAK	CAS Smith River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:12	LWAK	CAS Dan River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:13	LWAK	COH Troy Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:14	LWAK	COH Hudson River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:14	LWAK	COH Mohawk River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:15	LWAK	COH Tomahannock Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:16	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:17	LWAK	NOR Long Lake/Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:18	LWAK	NOR Lake Tilley	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:19	INCLarge	334 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:20	INCLarge	334 Vermillion River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:21	INCLarge	334 Colby Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:22	INCLarge	334 Lake Isabelle	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:23	INCLarge	463 Blue River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:23	INCLarge	463 Rock Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:24	INCLarge	463 Shoal Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:25	INCLarge	463 Missouri River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:26	INCLarge	464 Ottowa River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:27	INCLarge	464 Twin Lakes Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:27	INCLarge	464 Metzger/Ferguson Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:28	INCLarge	504 Pennsauken Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:29	INCLarge	504 Darby Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:30	INCLarge	504 Cooper River Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:31	INCLarge	504 Schuykill River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:32	INCLarge	600 Lake Jackson	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:32	INCLarge	600 Oyster Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:33	INCLarge	600 Brazos River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:34	INCLarge	711 Brechtel Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:35	INCLarge	711 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:36	INCLarge	806 Wolf Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:37	INCLarge	806 Lake George	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:37	INCLarge	806 Little Calumet River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:38	INCLarge	806 Grand Calumet River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:39	INCLarge	915 Genesee River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:40	INCLarge	915 Irondequoit Bay	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:41	INCLarge	915 Highland Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:42	INCLarge	A32 Armand Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:42	INCLarge	A43 Twelvemile Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:43	INCLarge	A43 Bergholtz Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:44	INCLarge	A43 Cayuga Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:45	INCLarge	A43 Niagara River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:46	INCLarge	A50 Carpenters Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:47	INCLarge	A50 Highlands Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:47	INCLarge	A50 Buffalo Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:48	INCLarge	A50 San Jacinto River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:49	INCLarge	A62 Caney Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:50	INCLarge	A62 E & W Fork Crystal Cr.	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:51	INCLarge	A62 Stewarts Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:52	INCLarge	A62 Lewis Creek Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:52	INCLarge	B20 Cuyahoga River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:53	INCLarge	B20 Upper and Lower Shaker Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:54	INCLarge	B20 Euclid Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:55	INCLarge	B20 Fairmont Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:56	INCLarge	HAN Fabus River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:57	INCLarge	HAN Spring Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:57	INCLarge	HAN Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:58	INCLarge	KIN North Fork Holston River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 9:59	INCLarge	KIN Kingsport Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:00	INCLarge	KIN South Fork Holston River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:01	INCLarge	KIN Ready Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:02	INCLarge	MCI Halk Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:02	INCLarge	MCI Helicat Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:03	INCLarge	MCI Alabama River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:04	INCLarge	MCI Tombigbee River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:05	INCLarge	MID Tittabawassee River (plus Sanford Lake)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:06	INCLarge	MID Sturgeon Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:07	INCLarge	MID Kawkawin River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:08	INCLarge	MID Chippewa River (most inclusive data)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:08	INCLarge	STG Bayou Plaquemine	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:09	INCLarge	STG Manchac Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:10	INCLarge	STG Bayou Fountain	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:11	INCLarge	STG Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10:13	INCLarge	340 Sunfish Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05

Inputs Used for Base Emissions

Facility	Site	Waterbody	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)	MHg Suspended Biotic solids Kd (L/kg)
11/6/98 10.14	01NCSmall	340 Proctor Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.14	01NCSmall	340 Fish Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.15	01NCSmall	340 Ohio River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.16	01NCSmall	342 Kalamazoo River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.17	01NCSmall	342 East Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.18	01NCSmall	342 Portage Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.19	01NCSmall	342 Portage River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.20	01NCSmall	453 Lake Spivey	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.21	01NCSmall	453 Jester Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.22	01NCSmall	453 Flint River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.23	01NCSmall	468 Wassahickon Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.25	01NCSmall	468 Tacony Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 10.26	01NCSmall	468 Schuykill	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.30	01NCSmall	468 Pickering Creek Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.31	01NCSmall	701 Wabash River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.32	01NCSmall	701 Sugar Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.33	01NCSmall	701 Big Raconon Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.34	01NCSmall	704 Garvey Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.35	01NCSmall	704 Logg Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.36	01NCSmall	704 Silver Lake Res.	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.36	01NCSmall	708 Grindle Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.37	01NCSmall	708 Parker Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.38	01NCSmall	708 Tranters Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.39	01NCSmall	725 Passaic River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.40	01NCSmall	725 Silver Lake Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.41	01NCSmall	725 Reservoir No. 2	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.42	01NCSmall	725 Rahway River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.42	01NCSmall	824 Newton Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.43	01NCSmall	824 Big Timber Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.44	01NCSmall	824 Darby Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.45	01NCSmall	824 Schuykill River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.46	01NCSmall	904 Pascagoula River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.47	01NCSmall	904 Escatampa River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.48	01NCSmall	906 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.48	01NCSmall	906 Coopers Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.49	01NCSmall	906 Eliza Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.50	01NCSmall	906 Muscatine Slough	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.51	01NCSmall	A14 New River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.52	01NCSmall	A14 Bayou Conway	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.53	01NCSmall	A14 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.54	01NCSmall	A14 Bayou Lafourche	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.55	01NCSmall	A26 Big Creek (includes Sulfur Spring Creek)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.55	01NCSmall	A26 Canoe Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.56	01NCSmall	A26 Dots Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.57	01NCSmall	A31 Nottaway River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.58	01NCSmall	A31 Chowan River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.59	01NCSmall	A31 Nottaway Swamp (a creek)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.00	01NCSmall	A45 Sheldon Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.01	01NCSmall	A45 Highlands Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.02	01NCSmall	A45 Greens Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.02	01NCSmall	A45 Buffalo Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.03	01NCSmall	A46 Little Muskingum River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.04	01NCSmall	A46 Ohio River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.05	01NCSmall	A46 Middle Island Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.06	01NCSmall	A47 Caney River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.07	01NCSmall	A47 Sand Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.08	01NCSmall	A47 Bar-Dew Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.09	01NCSmall	A47 Lake Hudson	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.09	01NCSmall	A55 Mohawk River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.10	01NCSmall	A55 Acipause Kill River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.11	01NCSmall	A55 Stony Creek Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.12	01NCSmall	A55 Waterlot Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.13	01NCSmall	B18 Gulf Intercostal Waterway	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.14	01NCSmall	B18 Bayou La Butte	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.15	01NCSmall	B18 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.16	01NCSmall	B18 Bayou Manchac	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.16	01NCSmall	B23 Hillbrandt Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.17	01NCSmall	B23 Cow Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.18	01NCSmall	B23 Neches River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.19	01NCSmall	B23 Port Arthur Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.35	01NCSmall	B31 Wassahickon Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.36	01NCSmall	B31 Neshaminy Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.37	01NCSmall	B31 Peace Valley Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 19.38	01NCSmall	B31 Schuykill River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.23	01NCSmall	B32 Cedar Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.24	01NCSmall	B32 Cary Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.25	01NCSmall	B32 Goose Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.26	01NCSmall	B37 Arkansas River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.27	01NCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Peta)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.28	01NCSmall	B37 Yellow Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.29	01NCSmall	B37 Lake Pine Bluff	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.30	01NCSmall	B44 Sheldon Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.31	01NCSmall	B44 Greens Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.32	01NCSmall	B44 Buffalo Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.32	01NCSmall	B44 Hunting Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.33	01NCSmall	TOO Rush Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20.34	01NCSmall	TOO Box Elder Wash	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05

Inputs Used for Base Emissions

Facility	Site	Waterbody	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)	MHg Suspended Biotic solids Kd (L/kg)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 20:36	OINCSmall TOC	Soldier Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05

Inputs Used for Base Emissions

Facility	State	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 7.43	CINC	209	Lawsons Fork Creek	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.29E+00		3.33E-02		8.51E-01
11/6/98 7.44	CINC	209	Tyger River	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.49E+00		3.80E-02		8.11E-01
11/6/98 7.45	CINC	209	Fair Forest Creek	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.34E+00		2.72E-02		9.20E-01
11/6/98 7.45	CINC	209	Middle Tyger River	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.41E+00		4.40E-02		8.43E-01
11/6/98 7.46	CINC	214	Fish Ponds	3.00E+03	5.00E+04	3.00E+03		5.10E+02		3.40E-01		7.94E-02		7.34E-02		5.43E-01
11/6/98 7.47	CINC	214	Lake Clause	3.00E+03	5.00E+04	3.00E+03		5.10E+02		3.40E-01		9.19E-02		5.85E-02		6.44E-01
11/6/98 7.48	CINC	214	University Lake/ City Park Lake	3.00E+03	5.00E+04	3.00E+03		5.10E+02		3.40E-01		5.89E-01		9.82E-03		1.00E+00
11/6/98 7.48	CINC	214	Comite River	3.00E+03	5.00E+04	3.00E+03		5.10E+02		3.40E-01		1.64E-01		5.46E-02		7.79E-01
11/6/98 7.49	CINC	221	Highlands Reservoir	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		6.93E-02		5.00E-02		5.00E-01
11/6/98 7.50	CINC	221	Sheldon Reservoir	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		7.02E-02		7.23E-02		5.52E-01
11/6/98 7.51	CINC	221	San Jacinto River /Houston Lake	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		6.50E-02		3.37E-02		8.46E-01
11/6/98 7.52	CINC	324	Shades Creek	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.78E+00		1.82E-02		9.69E-01
11/6/98 7.52	CINC	324	Valley Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		1.63E+00		2.83E-02		9.75E-01
11/6/98 7.53	CINC	324	Bayview Lake	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		1.27E+00		2.13E-02		9.88E-01
11/6/98 7.54	CINC	324	Cahaba River	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		2.17E+00		1.83E-02		9.92E-01
11/6/98 7.55	CINC	325	Big Hill Creek	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		3.52E-01		7.60E-02		5.27E-01
11/6/98 7.56	CINC	325	Potato Creek	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		3.04E-01		7.77E-02		5.16E-01
11/6/98 7.57	CINC	325	Claymore Creek	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		2.78E-01		7.53E-02		5.32E-01
11/6/98 7.58	CINC	325	Verdigris River	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		3.28E-01		7.57E-02		5.40E-01
11/6/98 7.59	CINC	331	Rocky River	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		4.72E-01		6.49E-02		6.54E-01
11/6/98 8.00	CINC	331	East Branch Black River	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		4.63E-01		7.00E-02		5.69E-01
11/6/98 8.01	CINC	331	Wyleswood Lake	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		4.76E-01		8.00E-02		5.00E-01
11/6/98 8.02	CINC	331	Baldwin Lake	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		5.14E-01		2.98E-02		8.53E-01
11/6/98 8.03	CINC	359	Kentucky River	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		4.77E-01		4.27E-02		7.27E-01
11/6/98 8.04	CINC	359	Indian Creek	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		2.78E+00		3.92E-02		7.73E-01
11/6/98 8.05	CINC	359	Indian Kentucky Creek	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		3.16E+00		3.45E-02		8.03E-01
11/6/98 8.06	CINC	359	Ohio River	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		2.40E+00		4.34E-02		7.68E-01
11/6/98 8.07	CINC	A15	Tonawanda Creek	3.00E+03	5.00E+04	3.00E+03		1.00E+02		3.40E-01		4.18E-01		2.44E-02		9.55E-01
11/6/98 8.08	CINC	A15	Murder Creek	3.00E+03	5.00E+04	3.00E+03		1.00E+02		3.40E-01		4.69E-01		3.12E-02		8.66E-01
11/6/98 8.09	CINC	A15	Ellicott Creek	3.00E+03	5.00E+04	3.00E+03		1.00E+02		3.40E-01		4.91E-01		6.96E-02		8.07E-01
11/6/98 8.10	CINC	A18	Taylor Bayou	3.00E+03	5.00E+04	3.00E+03		4.90E+02		3.40E-01		1.18E-01		6.58E-02		6.03E-01
11/6/98 8.11	CINC	A18	Hillebrandt Bayou	3.00E+03	5.00E+04	3.00E+03		4.90E+02		3.40E-01		1.17E-01		6.61E-02		5.95E-01
11/6/98 8.12	CINC	A18	Viterbo Reservoir	3.00E+03	5.00E+04	3.00E+03		4.90E+02		3.40E-01		1.24E-01		5.00E-02		5.00E-01
11/6/98 8.13	CINC	CAL	Tennessee River	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		9.26E-01		6.35E-02		6.46E-01
11/6/98 8.14	CINC	CAL	Kentucky Lake	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.95E+00		8.13E-02		8.81E-01
11/6/98 8.15	CINC	CAL	Barkley Lake	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		2.88E+00		2.13E-02		8.92E-01
11/6/98 8.16	CINC	CAL	Cumberland River	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.67E+00		6.77E-02		6.77E-01
11/6/98 8.17	CINC	ELD	Flat Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		4.93E-01		1.57E-02		9.67E-01
11/6/98 8.19	CINC	ELD	Salt Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		5.03E-01		6.92E-03		9.87E-01
11/6/98 8.19	CINC	ELD	Calton Lake	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		5.81E-01		6.53E-03		9.91E-01
11/6/98 8.20	CINC	ELD	Ouachita River	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		4.10E-01		6.10E-02		9.75E-01
11/6/98 8.21	CINC	SAU	Horseshoe Lake	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.66E-01		1.01E-02		6.32E-01
11/6/98 8.22	CINC	SAU	Old Cahokia Creek	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.66E-01		1.67E-01		7.47E-01
11/6/98 8.23	CINC	SAU	Mississippi River	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		6.84E-01		5.02E-02		8.43E-01
11/6/98 8.24	CK	202	Elk City Lake	3.00E+03	5.00E+04	3.00E+03		2.15E+02		3.40E-01		3.03E-01		6.23E-02		6.23E-01
11/6/98 8.25	CK	202	Montgomery County State Park Lake	3.00E+03	5.00E+04	3.00E+03		2.15E+02		3.40E-01		4.75E-01		7.58E-02		5.28E-01
11/6/98 8.26	CK	202	Verdigris River	3.00E+03	5.00E+04	3.00E+03		2.15E+02		3.40E-01		3.28E-01		7.23E-02		5.66E-01
11/6/98 8.26	CK	203	Catalpa Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		3.39E-01		6.15E-02		6.26E-01
11/6/98 8.27	CK	203	Gilmer Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		3.50E-01		3.03E-02		6.11E-01
11/6/98 8.28	CK	203	N. Branch Magawah Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		3.15E-01		6.34E-02		6.11E-01
11/6/98 8.29	CK	203	Shotbag Creek	3.00E+03	5.00E+04	3.00E+03		3.50E+02		3.40E-01		4.50E-01		4.21E-02		7.53E-01
11/6/98 8.30	CK	204	Bay Creek	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.34E+00		5.98E-02		6.35E-01
11/6/98 8.30	CK	204	Little Calumet Creek	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.53E+00		6.51E-02		6.21E-01
11/6/98 8.31	CK	204	Upper and Lower Swan Lake	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.66E-01		8.00E-02		5.00E-01
11/6/98 8.32	CK	204	Mississippi River	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.38E+00		5.83E-02		6.66E-01
11/6/98 8.33	CK	302	Maumee River	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		1.64E-01		7.61E-02		5.26E-01
11/6/98 8.34	CK	302	Auglaize River	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		1.40E-01		7.79E-02		5.30E-01
11/6/98 8.34	CK	302	Six Mile Creek	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		1.66E-01		9.74E-02		5.42E-01
11/6/98 8.35	CK	304	Big Walnut Creek	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		1.87E+00		7.16E-02		6.59E-01
11/6/98 8.36	CK	304	Glenn Flint Lake	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		1.04E+00		7.45E-02		5.49E-01
11/6/98 8.37	CK	304	Dear Creek	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		1.71E+00		6.79E-02		6.44E-01
11/6/98 8.38	CK	320	Mud Davis Lake	3.00E+03	5.00E+04	3.00E+03		7.50E+01		3.40E-01		2.43E-01		2.87E-02		9.59E-01
11/6/98 8.38	CK	320	Thunder Bay River	3.00E+03	5.00E+04	3.00E+03		7.50E+01		3.40E-01		4.86E-01		4.99E-02		7.60E-01
11/6/98 8.39	CK	320	Long Lake	3.00E+03	5.00E+04	3.00E+03		7.50E+01		3.40E-01		4.11E-01		2.37E-02		9.48E-01
11/6/98 8.40	CK	321	Black Warrior River (most inclusive data)	3.00E+03	5.00E+04	3.00E+03		3.75E+02		3.40E-01		3.13E-01		5.65E-02		7.20E-01
11/6/98 8.41	CK	321	Powell Creek	3.00E+03	5.00E+04	3.00E+03		3.75E+02		3.40E-01		5.69E-01		6.87E-02		6.30E-01
11/6/98 8.42	CK	321	Lake Demopolis	3.00E+03	5.00E+04	3.00E+03		3.75E+02		3.40E-01		3.13E-01		5.65E-02		7.20E-01
11/6/98 8.42	CK	321	Lake Henry	3.00E+03	5.00E+04	3.00E+03		3.75E+02		3.40E-01		9.81E-01		3.94E-02		7.78E-01
11/6/98 8.43	CK	BAT	Monocacy Creek	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		1.39E+00		8.12E-02		8.58E-01
11/6/98 8.44	CK	BAT	Lehigh River	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		1.71E+00		5.60E-02		7.57E-01
11/6/98 8.45	CK	CHA	Allen Lake	3.00E+03	5.00E+04	3.00E+03		2.44E+02		3.40E-01		9.52E-02		7.37E-02		5.42E-01
11/6/98 8.46	CK	CHA	Sante Fe Lake	3.00E+03	5.00E+04	3.00E+03										

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 8:59	CK	TEX	3.00E+03	5.00E+04	3.00E+03		2.75E+02		3.40E-01		4.40E-01		7.35E-02		5.54E-01
11/6/98 9:00	CK	WAM	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		2.22E+00		5.25E-02		7.64E-01
11/6/98 9:00	CK	WAM	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		2.55E+00		5.13E-02		6.95E-01
11/6/98 9:01	CK	WAM	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		1.30E+00		5.83E-02		7.98E-01
11/6/98 9:02	CK	WAM	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		1.50E+00		7.50E-02		7.55E-01
11/6/98 9:04	LWAK	ARV	3.00E+03	5.00E+04	3.00E+03		1.70E+02		3.40E-01		1.30E+00		3.98E-02		8.80E-01
11/6/98 9:04	LWAK	ARV	3.00E+03	5.00E+04	3.00E+03		1.70E+02		3.40E-01		1.28E+00		6.19E-02		8.97E-01
11/6/98 9:05	LWAK	ARV	3.00E+03	5.00E+04	3.00E+03		1.70E+02		3.40E-01		1.84E+00		1.72E-02		9.23E-01
11/6/98 9:06	LWAK	ARV	3.00E+03	5.00E+04	3.00E+03		1.70E+02		3.40E-01		1.70E+00		2.94E-02		8.70E-01
11/6/98 9:07	LWAK	BRO	3.00E+03	5.00E+04	3.00E+03		2.80E+02		3.40E-01		2.58E+00		5.09E-02		8.91E-01
11/6/98 9:08	LWAK	BRO	3.00E+03	5.00E+04	3.00E+03		2.80E+02		3.40E-01		1.38E+00		4.05E-02		7.81E-01
11/6/98 9:09	LWAK	BRO	3.00E+03	5.00E+04	3.00E+03		2.80E+02		3.40E-01		1.58E-01		1.08E-02		9.62E-01
11/6/98 9:09	LWAK	BRO	3.00E+03	5.00E+04	3.00E+03		2.80E+02		3.40E-01		1.93E+00		3.83E-02		8.07E-01
11/6/98 9:10	LWAK	CAS	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		1.26E+00		3.96E-02		8.48E-01
11/6/98 9:11	LWAK	CAS	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		1.66E+00		2.28E-02		8.89E-01
11/6/98 9:12	LWAK	CAS	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		1.40E+00		4.08E-02		8.34E-01
11/6/98 9:13	LWAK	COH	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		2.22E+00		5.43E-02		6.75E-01
11/6/98 9:14	LWAK	COH	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		1.15E+00		3.82E-02		8.55E-01
11/6/98 9:14	LWAK	COH	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		7.42E-01		3.55E-02		9.11E-01
11/6/98 9:15	LWAK	COH	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		1.98E+00		4.06E-02		7.72E-01
11/6/98 9:16	LWAK	NOR	3.00E+03	5.00E+04	3.00E+03		2.60E+02		3.40E-01		1.43E+00		5.52E-02		7.01E-01
11/6/98 9:17	LWAK	NOR	3.00E+03	5.00E+04	3.00E+03		2.60E+02		3.40E-01		1.08E+00		6.52E-02		6.56E-01
11/6/98 9:18	LWAK	NOR	3.00E+03	5.00E+04	3.00E+03		2.60E+02		3.40E-01		1.61E+00		6.34E-02		8.48E-01
11/6/98 9:19	OINCLarge	334	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		9.68E-01		7.17E-02		6.14E-01
11/6/98 9:20	OINCLarge	334	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		5.08E-01		7.66E-02		5.38E-01
11/6/98 9:21	OINCLarge	334	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		1.05E+00		8.00E-02		5.00E-01
11/6/98 9:22	OINCLarge	334	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		3.27E-01		8.62E-03		1.00E+00
11/6/98 9:23	OINCLarge	463	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		8.60E-01		1.93E-02		9.97E-01
11/6/98 9:23	OINCLarge	463	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		1.40E+00		9.87E-03		1.00E+00
11/6/98 9:24	OINCLarge	463	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		8.84E-01		5.79E-02		6.75E-01
11/6/98 9:25	OINCLarge	463	3.00E+03	5.00E+04	3.00E+03		2.10E+02		3.40E-01		8.75E-02		4.57E-02		8.39E-01
11/6/98 9:26	OINCLarge	464	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		4.54E-01		7.35E-02		6.15E-01
11/6/98 9:27	OINCLarge	464	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		5.79E-01		1.87E-01		1.00E+00
11/6/98 9:27	OINCLarge	464	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		7.60E-02		5.28E-01		5.28E-01
11/6/98 9:28	OINCLarge	504	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		3.20E-01		4.53E-02		9.72E-01
11/6/98 9:29	OINCLarge	504	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		9.72E-01		2.75E-02		9.89E-01
11/6/98 9:30	OINCLarge	504	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		3.08E-01		1.41E-02		9.68E-01
11/6/98 9:31	OINCLarge	504	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		9.91E-01		2.76E-02		9.82E-01
11/6/98 9:32	OINCLarge	600	3.00E+03	5.00E+04	3.00E+03		2.75E+02		3.40E-01		6.93E-02		7.36E-01		9.60E-01
11/6/98 9:32	OINCLarge	600	3.00E+03	5.00E+04	3.00E+03		2.75E+02		3.40E-01		7.01E-02		4.71E-02		8.56E-01
11/6/98 9:33	OINCLarge	600	3.00E+03	5.00E+04	3.00E+03		2.75E+02		3.40E-01		6.94E-02		6.05E-02		8.22E-01
11/6/98 9:34	OINCLarge	711	3.00E+03	5.00E+04	3.00E+03		5.00E+02		3.40E-01		6.93E-02		1.00E-02		1.00E+00
11/6/98 9:35	OINCLarge	711	3.00E+03	5.00E+04	3.00E+03		5.00E+02		3.40E-01		8.69E-02		3.99E-02		9.96E-01
11/6/98 9:36	OINCLarge	806	3.00E+03	5.00E+04	3.00E+03		1.55E+02		3.40E-01		5.94E-01		1.25E-01		1.00E+00
11/6/98 9:37	OINCLarge	806	3.00E+03	5.00E+04	3.00E+03		1.55E+02		3.40E-01		5.94E-01		3.65E-01		1.00E+00
11/6/98 9:37	OINCLarge	806	3.00E+03	5.00E+04	3.00E+03		1.55E+02		3.40E-01		2.82E-01		4.64E-02		9.18E-01
11/6/98 9:38	OINCLarge	806	3.00E+03	5.00E+04	3.00E+03		1.55E+02		3.40E-01		5.94E-01		7.03E-02		9.90E-01
11/6/98 9:39	OINCLarge	915	3.00E+03	5.00E+04	3.00E+03		7.50E+01		3.40E-01		6.87E-01		4.94E-02		7.66E-01
11/6/98 9:40	OINCLarge	915	3.00E+03	5.00E+04	3.00E+03		7.50E+01		3.40E-01		9.83E-01		9.83E-01		8.92E-01
11/6/98 9:41	OINCLarge	915	3.00E+03	5.00E+04	3.00E+03		7.50E+01		3.40E-01		2.66E+00		1.00E-02		1.00E+00
11/6/98 9:42	OINCLarge	A32	3.00E+03	5.00E+04	3.00E+03		4.00E+02		3.40E-01		6.93E-02		6.95E-02		6.73E-01
11/6/98 9:42	OINCLarge	A43	3.00E+03	5.00E+04	3.00E+03		8.00E+01		3.40E-01		4.00E+01		9.71E-03		9.98E-01
11/6/98 9:43	OINCLarge	A43	3.00E+03	5.00E+04	3.00E+03		8.00E+01		3.40E-01		5.50E-01		1.83E-02		1.00E+00
11/6/98 9:44	OINCLarge	A43	3.00E+03	5.00E+04	3.00E+03		8.00E+01		3.40E-01		4.04E-01		2.38E-02		1.00E+00
11/6/98 9:45	OINCLarge	A43	3.00E+03	5.00E+04	3.00E+03		8.00E+01		3.40E-01		4.45E-01		2.97E-02		9.34E-01
11/6/98 9:46	OINCLarge	A50	3.00E+03	5.00E+04	3.00E+03		4.50E+02		3.40E-01		8.64E-02		3.62E-02		8.04E-01
11/6/98 9:47	OINCLarge	A50	3.00E+03	5.00E+04	3.00E+03		4.50E+02		3.40E-01		6.93E-02		8.00E-02		5.00E-01
11/6/98 9:47	OINCLarge	A50	3.00E+03	5.00E+04	3.00E+03		4.50E+02		3.40E-01		7.10E-02		3.32E-02		8.79E-01
11/6/98 9:48	OINCLarge	A50	3.00E+03	5.00E+04	3.00E+03		4.50E+02		3.40E-01		8.54E-02		3.56E-02		8.32E-01
11/6/98 9:49	OINCLarge	A62	3.00E+03	5.00E+04	3.00E+03		4.25E+02		3.40E-01		1.91E-01		1.13E-02		9.96E-01
11/6/98 9:50	OINCLarge	A62	3.00E+03	5.00E+04	3.00E+03		4.25E+02		3.40E-01		3.05E-01		3.79E-02		9.89E-01
11/6/98 9:51	OINCLarge	A62	3.00E+03	5.00E+04	3.00E+03		4.25E+02		3.40E-01		3.51E-01		1.41E-02		9.98E-01
11/6/98 9:52	OINCLarge	A62	3.00E+03	5.00E+04	3.00E+03		4.25E+02		3.40E-01		4.36E-01		5.34E-03		9.98E-01
11/6/98 9:52	OINCLarge	B20	3.00E+03	5.00E+04	3.00E+03		1.20E+02		3.40E-01		1.04E+00		3.18E-02		9.31E-01
11/6/98 9:53	OINCLarge	B20	3.00E+03	5.00E+04	3.00E+03		1.20E+02		3.40E-01		7.77E-01		1.00E-02		1.00E+00
11/6/98 9:54	OINCLarge	B20	3.00E+03	5.00E+04	3.00E+03		1.20E+02		3.40E-01		8.74E-01		1.96E-02		9.26E-01
11/6/98 9:55	OINCLarge	B20	3.00E+03	5.00E+04	3.00E+03		1.20E+02		3.40E-01		9.70E-01		1.00E-02		1.00E+00
11/6/98 9:56	OINCLarge	HAN	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		9.04E-01		7.77E-02		5.41E-01
11/6/98 9:57	OINCLarge	HAN	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		1.19E+00		9.61E-03		1.00E+00
11/6/98 9:57	OINCLarge	HAN	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		8.87E-01		6.87E-02		6.11E-01
11/6/98 9:58	OINCLarge	KIN	3.00E+03	5.00E+04	3.00E+03		1.60E+02		3.40E-01		4.43E+00		2.74E-02		8.59E-01
11/6/98 9:59	OINCLarge	KIN	3.00E+03	5.00E+04	3.00E+03		1.60E+02		3.40E-01		5.01E+00		5.00E-03		1.00E+00
11/6/98 10:00	OINCLarge	KIN	3.00E+03	5.00E+04	3.00E+03		1.60E+02		3.40E-01		2.53E+00		5.10E-02		7.43E-01
11/6/98 10:01	OINCLarge	KIN	3.00E+03	5.00E+04	3.00E+03		1.60E+02		3.40E-01		3.00E+03		2.95E-02		7.92E-01
11/6/98 10:02	OINCLarge	MCI	3.00E+03	5.00E+04	3.00E+03		4.10E+02								

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98	10.14	OINCSmall	340	Proctor Creek	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	2.56E+00	2.04E-02				8.98E-01
11/6/98	10.14	OINCSmall	340	Fish Creek	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	2.99E+00	2.45E-02				8.70E-01
11/6/98	10.15	OINCSmall	340	Ohio River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	3.94E+00	2.56E-02				8.82E-01
11/6/98	10.16	OINCSmall	342	Kalamazoo River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	4.85E-01	6.62E-02				6.38E-01
11/6/98	10.17	OINCSmall	342	East Lake	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	3.18E-01	8.10E-02				5.00E-01
11/6/98	10.18	OINCSmall	342	Portage Creek	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	4.83E-01	5.43E-02				7.35E-01
11/6/98	10.19	OINCSmall	342	Portage River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	5.31E-01	7.30E-02				5.48E-01
11/6/98	10.20	OINCSmall	453	Lake Spivey	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.80E+00	6.60E-02				9.20E-01
11/6/98	10.21	OINCSmall	453	Jester Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.59E+00	8.21E-02				9.89E-01
11/6/98	10.22	OINCSmall	453	Flint River	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.35E+00	6.33E-02				9.12E-01
11/6/98	10.23	OINCSmall	468	Wissahickon Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	7.66E-01	2.97E-02				8.91E-01
11/6/98	10.25	OINCSmall	468	Tacony Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	1.23E+00	1.14E-02				1.00E+00
11/6/98	10.26	OINCSmall	468	Schuykill	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	1.04E+00	4.58E-02				8.17E-01
11/6/98	19.30	OINCSmall	468	Pickering Creek Reservoir	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	1.51E+00	5.37E-02				7.36E-01
11/6/98	19.31	OINCSmall	701	Wabash River	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	5.31E-01	7.51E-02				5.88E-01
11/6/98	19.32	OINCSmall	701	Sugar Creek	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	1.00E+00	4.51E-02				7.33E-01
11/6/98	19.33	OINCSmall	701	Big Racon Creek	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	1.49E+00	5.31E-02				6.81E-01
11/6/98	19.34	OINCSmall	704	Ganey Reservoir	3.00E+03	5.00E+04	3.00E+03	5.00E+01	3.40E-01	4.50E-01	1.00E-02				1.00E+00
11/6/98	19.35	OINCSmall	704	Logg Lake	3.00E+03	5.00E+04	3.00E+03	5.00E+01	3.40E-01	1.83E-01	4.98E-02				7.16E-01
11/6/98	19.36	OINCSmall	704	Silver Lake Res.	3.00E+03	5.00E+04	3.00E+03	5.00E+01	3.40E-01	7.09E+00	2.27E-01				1.00E+00
11/6/98	19.36	OINCSmall	708	Grindle Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.85E-01	3.68E-02				7.89E-01
11/6/98	19.37	OINCSmall	708	Parker Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.79E-01	6.68E-02				7.53E-01
11/6/98	19.38	OINCSmall	708	Tranters Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.85E-01	3.83E-02				7.84E-01
11/6/98	19.39	OINCSmall	725	Passaic River	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	8.97E-01	2.59E-02				1.00E+00
11/6/98	19.40	OINCSmall	725	Silver Lake Reservoir	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	5.94E-01	1.00E-02				1.00E+00
11/6/98	19.41	OINCSmall	725	Reservoir No. 2	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	1.48E+00	1.00E-02				1.00E+00
11/6/98	19.42	OINCSmall	725	Rahway River	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	9.62E-01	1.55E-02				1.00E+00
11/6/98	19.42	OINCSmall	824	Newton Lake	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	4.02E-01	1.00E-02				1.00E+00
11/6/98	19.43	OINCSmall	824	Big Timber Creek	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	3.40E-01	4.43E-02				9.00E-01
11/6/98	19.44	OINCSmall	824	Darby Creek	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	8.82E-01	2.59E-02				1.00E+00
11/6/98	19.45	OINCSmall	824	Schuykill River	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	6.76E-01	3.90E-02				1.00E+00
11/6/98	19.46	OINCSmall	904	Pascagoula River	3.00E+03	5.00E+04	3.00E+03	5.50E+02	3.40E-01	1.62E-01	1.92E-02				9.14E-01
11/6/98	19.47	OINCSmall	904	Escatampa River	3.00E+03	5.00E+04	3.00E+03	5.50E+02	3.40E-01	1.79E-01	3.33E-02				8.77E-01
11/6/98	19.48	OINCSmall	906	Mississippi River	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	7.95E-01	6.57E-02				6.59E-01
11/6/98	19.48	OINCSmall	906	Coopers Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	1.07E+00	7.28E-02				5.49E-01
11/6/98	19.49	OINCSmall	906	Eliza Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	1.17E+00	1.17E-02				5.82E-01
11/6/98	19.50	OINCSmall	906	Muscatine Slough	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	5.56E-01	7.35E-02				6.00E-01
11/6/98	19.51	OINCSmall	A14	New River	3.00E+03	5.00E+04	3.00E+03	5.50E+02	3.40E-01	1.20E-01	3.82E-02				7.86E-01
11/6/98	19.52	OINCSmall	A14	Bayou Conway	3.00E+03	5.00E+04	3.00E+03	5.50E+02	3.40E-01	8.81E-02	6.58E-02				7.19E-01
11/6/98	19.53	OINCSmall	A14	Mississippi River	3.00E+03	5.00E+04	3.00E+03	5.50E+02	3.40E-01	1.43E-01	4.93E-02				8.77E-01
11/6/98	19.54	OINCSmall	A14	Bayou Lafourche	3.00E+03	5.00E+04	3.00E+03	5.50E+02	3.40E-01	1.83E-01	3.32E-02				8.34E-01
11/6/98	19.55	OINCSmall	A26	Big Creek (includes Sulfur Spring Creek)	3.00E+03	5.00E+04	3.00E+03	2.40E+02	3.40E-01	1.98E+00	5.66E-02				6.56E-01
11/6/98	19.55	OINCSmall	A26	Carter Creek	3.00E+03	5.00E+04	3.00E+03	2.40E+02	3.40E-01	8.89E-01	6.70E-02				6.70E-01
11/6/98	19.56	OINCSmall	A26	Dota Creek	3.00E+03	5.00E+04	3.00E+03	2.40E+02	3.40E-01	2.05E+00	4.81E-02				7.13E-01
11/6/98	19.57	OINCSmall	A31	Nottaway River	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	7.05E-01	3.53E-02				7.99E-01
11/6/98	19.58	OINCSmall	A31	Chowan River	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.91E-01	4.16E-02				8.02E-01
11/6/98	19.59	OINCSmall	A31	Nottaway Swamp (a creek)	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.21E-01	3.53E-02				7.99E-01
11/6/98	20.00	OINCSmall	A45	Sheldon Reservoir	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	7.08E-02	7.88E-02				5.08E-01
11/6/98	20.01	OINCSmall	A45	Highlands Reservoir	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	6.93E-02	6.93E-02				5.00E-01
11/6/98	20.02	OINCSmall	A45	Greens Bayou	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	7.23E-02	1.29E-02				9.81E-01
11/6/98	20.02	OINCSmall	A45	Buffalo Bayou	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	7.36E-02	2.83E-02				8.92E-01
11/6/98	20.03	OINCSmall	A46	Little Muskingum River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	5.08E+00	1.93E-02				9.05E-01
11/6/98	20.04	OINCSmall	A46	Ohio River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	4.23E+00	1.80E-02				9.35E-01
11/6/98	20.05	OINCSmall	A46	Middle Island Creek	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	5.72E+00	1.74E-02				9.17E-01
11/6/98	20.06	OINCSmall	A47	Caney River	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	5.55E-01	5.62E-02				6.83E-01
11/6/98	20.07	OINCSmall	A47	Sand Creek	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	1.39E+00	9.97E-03				9.80E-01
11/6/98	20.08	OINCSmall	A47	Bar-Dew Lake	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	1.69E+00	7.75E-03				1.00E+00
11/6/98	20.09	OINCSmall	A47	Lake Hudson	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	1.28E+00	1.02E-02				9.87E-01
11/6/98	20.09	OINCSmall	A55	Mohawk River	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	8.29E-01	4.17E-02				8.29E-01
11/6/98	20.10	OINCSmall	A55	Acipause Kill River	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	1.04E+00	3.41E-02				8.16E-01
11/6/98	20.11	OINCSmall	A55	Stony Creek Reservoir	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	9.00E-01	3.42E-02				8.70E-01
11/6/98	20.12	OINCSmall	A55	Waterlot Reservoir	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	7.57E-01	4.34E-02				8.08E-01
11/6/98	20.13	OINCSmall	B18	Gulf Intercoastal Waterway	3.00E+03	5.00E+04	3.00E+03	5.00E+02	3.40E-01	7.98E-02	2.90E-02				8.60E-01
11/6/98	20.14	OINCSmall	B18	Bayou La Butte	3.00E+03	5.00E+04	3.00E+03	5.00E+02	3.40E-01	8.89E-02	6.95E-02				6.33E-01
11/6/98	20.15	OINCSmall	B18	Mississippi River	3.00E+03	5.00E+04	3.00E+03	5.00E+02	3.40E-01	1.43E-01	8.46E-02				8.63E-01
11/6/98	20.16	OINCSmall	B18	Bayou Manchac	3.00E+03	5.00E+04	3.00E+03	5.00E+02	3.40E-01	1.37E-01	5.32E-02				7.38E-01
11/6/98	20.16	OINCSmall	B23	Hilbrandt Bayou	3.00E+03	5.00E+04	3.00E+03	4.30E+02	3.40E-01	7.46E-02	5.87E-02				6.48E-01
11/6/98	20.17	OINCSmall	B23	Cow Bayou	3.00E+03	5.00E+04	3.00E+03	4.30E+02	3.40E-01	9.15E-01	3.95E-02				8.72E-01
11/6/98	20.18	OINCSmall	B23	Neches River	3.00E+03	5.00E+04	3.00E+03	4.30E+02	3.40E-01	8.23E-02	2.67E-02				9.38E-01
11/6/98	20.19	OINCSmall	B23	Port Arthur Reservoir	3.00E+03	5.00E+04	3.00E+03	4.30E+02	3.40E-01	8.44E-02	1.00E-02				1.00E+00
11/6/98	19.35	OINCSmall	B31	Wassahickon Creek	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	7.42E-01	3.05E-02				8.87E-01
11/6/98	19.36	OINCSmall	B31	Neshaminy Creek	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	5.17E-01					

Inputs Used for Base Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 20:35	OINCSmall	TOO	Blue Lakes	3.00E+03	5.00E+04	3.00E+03		2.00E+01	3.40E-01		1.16E-01		1.00E-02		1.00E+00
11/6/98 20:36	OINCSmall	TOO	Soldier Creek	3.00E+03	5.00E+04	3.00E+03		2.00E+01	3.40E-01		7.74E+00		9.58E-03		9.80E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body
11/6/98 7.43	CINC 209	Lawsons Fork Creek	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	1.13E-01
11/6/98 7.44	CINC 209	Tyger River	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	4.94E-02
11/6/98 7.45	CINC 209	Fair Forest Creek	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	1.07E-01
11/6/98 7.45	CINC 209	Middle Tyger River	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	1.30E-01
11/6/98 7.46	CINC 214	Fish Ponds	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	2.17E-01
11/6/98 7.47	CINC 214	Lake Clause	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	1.78E-01
11/6/98 7.48	CINC 214	University Lake/ City Park Lake	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	3.01E-01
11/6/98 7.48	CINC 214	Comite River	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	5.18E-02
11/6/98 7.49	CINC 221	Highlands Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.03E-01
11/6/98 7.50	CINC 221	Sheldon Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.02E-01
11/6/98 7.51	CINC 221	San Jacinto River / Houston Lake	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.19E-01
11/6/98 7.52	CINC 324	Shades Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.13E-01
11/6/98 7.52	CINC 324	Valley Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	5.06E-02
11/6/98 7.53	CINC 324	Bayview Lake	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.13E-01
11/6/98 7.54	CINC 324	Cahaba River	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.14E-01
11/6/98 7.55	CINC 325	Big Hill Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.18E-01
11/6/98 7.56	CINC 325	Potato Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.33E-01
11/6/98 7.57	CINC 325	Claymore Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.37E-01
11/6/98 7.58	CINC 325	Verdigris River	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	4.49E-02
11/6/98 7.59	CINC 331	Rocky River	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.17E-02
11/6/98 8.00	CINC 331	East Branch Black River	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.07E-01
11/6/98 8.01	CINC 331	Wyleswood Lake	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.09E-01
11/6/98 8.02	CINC 331	Baldwin Lake	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.39E-01
11/6/98 8.03	CINC 359	Kentucky River	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	4.85E-02
11/6/98 8.04	CINC 359	Indian Creek	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	1.18E-01
11/6/98 8.05	CINC 359	Indian Kentucky Creek	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	1.18E-01
11/6/98 8.06	CINC 359	Ohio River	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	4.90E-02
11/6/98 8.07	CINC A15	Tonawanda Creek	2.03E+01	2.20E-01	9.68E+01	0.00E+00	6.77E+01	4.99E-02
11/6/98 8.08	CINC A15	Murder Creek	2.03E+01	2.20E-01	9.68E+01	0.00E+00	6.77E+01	1.19E-01
11/6/98 8.09	CINC A15	Ellicott Creek	2.03E+01	2.20E-01	9.68E+01	0.00E+00	6.77E+01	5.30E-02
11/6/98 8.10	CINC A18	Taylor Bayou	1.78E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	5.06E-02
11/6/98 8.11	CINC A18	Hillebrandt Bayou	1.78E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.09E-01
11/6/98 8.12	CINC A18	Viterbo Reservoir	1.78E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	2.12E-01
11/6/98 8.13	CINC CAL	Tennessee River	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	4.87E-02
11/6/98 8.14	CINC CAL	Kentucky Lake	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	1.15E-01
11/6/98 8.15	CINC CAL	Barkley Lake	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	1.19E-01
11/6/98 8.16	CINC CAL	Cumberland River	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	5.21E-02
11/6/98 8.17	CINC ELD	Flat Creek	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.21E-01
11/6/98 8.19	CINC ELD	Salt Creek	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.32E-01
11/6/98 8.19	CINC ELD	Calton Lake	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.31E-01
11/6/98 8.20	CINC ELD	Ouachita River	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	5.12E-02
11/6/98 8.21	CINC SAU	Horseshoe Lake	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	1.68E-01
11/6/98 8.22	CINC SAU	Old Catokoi Creek	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	3.03E-01
11/6/98 8.23	CINC SAU	Mississippi River	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	4.45E-02
11/6/98 8.24	CK 202	Elk City Lake	7.62E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.20E-01
11/6/98 8.25	CK 202	Montgomery County State Park Lake	7.62E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.80E-01
11/6/98 8.26	CK 202	Verdigris River	7.62E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	4.56E-02
11/6/98 8.26	CK 203	Catalpa Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	5.27E-02
11/6/98 8.27	CK 203	Gilmer Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	1.17E-01
11/6/98 8.28	CK 203	N. Branch Magowah Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	1.36E-01
11/6/98 8.29	CK 203	Shotbag Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	1.24E-01
11/6/98 8.30	CK 204	Bay Creek	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.17E-01
11/6/98 8.30	CK 204	Little Calumet Creek	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.69E-01
11/6/98 8.31	CK 204	Upper and Lower Swan Lake	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	2.02E-01
11/6/98 8.32	CK 204	Mississippi River	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	4.54E-02
11/6/98 8.33	CK 302	Maumee River	1.27E+01	2.20E-01	9.12E+01	0.00E+00	6.38E+01	4.91E-02
11/6/98 8.34	CK 302	Auglaize River	1.27E+01	2.20E-01	9.12E+01	0.00E+00	6.38E+01	4.75E-02
11/6/98 8.34	CK 302	Six Mile Creek	1.27E+01	2.20E-01	9.12E+01	0.00E+00	6.38E+01	1.27E-01
11/6/98 8.35	CK 304	Big Walnut Creek	1.50E+01	2.20E-01	1.01E+02	0.00E+00	7.04E+01	5.02E-02
11/6/98 8.36	CK 304	Glenn Flint Lake	1.50E+01	2.20E-01	1.01E+02	0.00E+00	7.04E+01	1.34E-01
11/6/98 8.37	CK 304	Deer Creek	1.50E+01	2.20E-01	1.01E+02	0.00E+00	7.04E+01	1.98E-01
11/6/98 8.38	CK 320	Mud Devils Lake	1.27E+01	2.20E-01	7.32E+01	0.00E+00	5.12E+01	1.23E-01
11/6/98 8.38	CK 320	Thunder Bay River	1.27E+01	2.20E-01	7.32E+01	0.00E+00	5.12E+01	5.12E-02
11/6/98 8.39	CK 320	Long Lake	1.27E+01	2.20E-01	7.32E+01	0.00E+00	5.12E+01	1.28E-01
11/6/98 8.40	CK 321	Black Warrior River (most inclusive data)	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	5.01E-02
11/6/98 8.41	CK 321	Powell Creek	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	1.15E-01
11/6/98 8.42	CK 321	Lake Demopolis	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	5.01E-02
11/6/98 8.42	CK 321	Lake Henry	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	1.98E-01
11/6/98 8.43	CK BAT	Monocacy Creek	2.22E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.17E-01
11/6/98 8.44	CK BAT	Lehigh River	2.22E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	4.61E-02
11/6/98 8.45	CK CHA	Allen Lake	9.40E+00	2.20E-01	1.05E+02	0.00E+00	7.35E+01	3.26E-01
11/6/98 8.46	CK CHA	Sante Fe Lake	9.40E+00	2.20E-01	1.05E+02	0.00E+00	7.35E+01	1.88E-01
11/6/98 8.47	CK CHA	Neosho River	9.40E+00	2.20E-01	1.05E+02	0.00E+00	7.35E+01	4.56E-02
11/6/98 8.47	CK FOR	Walnut Bayou	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	5.14E-02
11/6/98 8.48	CK FOR	West Flat Creek	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.33E-01
11/6/98 8.49	CK FOR	Hamilton Lake	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.99E-01
11/6/98 8.50	CK FRE	Salt Creek	5.10E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.31E-01
11/6/98 8.51	CK FRE	Verdigris River	5.10E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	4.93E-02
11/6/98 8.51	CK FRE	Fall River	5.10E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	5.02E-02
11/6/98 8.52	CK HAR	Indian Field Swamp	1.27E+01	2.20E-01	9.21E+01	0.00E+00	6.55E+01	3.39E-01
11/6/98 8.53	CK HAR	Walnut Branch	1.27E+01	2.20E-01	9.21E+01	0.00E+00	6.55E+01	3.98E-01
11/6/98 8.54	CK HAR	Huttos Lake	1.27E+01	2.20E-01	9.21E+01	0.00E+00	6.55E+01	3.43E-01
11/6/98 8.55	CK HOL	Huttos Lake	1.25E+01	2.20E-01	1.30E+02	0.00E+00	9.07E+01	3.43E-01
11/6/98 8.55	CK HOL	Lake Merkel	1.25E+01	2.20E-01	1.30E+02	0.00E+00	9.07E+01	1.91E-01
11/6/98 8.56	CK TEX	Armstrong Creek	2.20E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	1.26E-01
11/6/98 8.57	CK TEX	Massay Lake	2.50E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	1.78E-01
11/6/98 8.58	CK TEX	Mountain Creek	2.50E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	5.15E-02

Inputs Used for Base Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm3	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body	
11/6/98 8:59	CK	TEX	Waxahachie Creek	2.50E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	1.14E-01
11/6/98 9:00	CK	WAM	Connoquenessing Creek	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.24E-02
11/6/98 9:00	CK	WAM	Hereford Manor Lake	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	2.17E-01
11/6/98 9:01	CK	WAM	Beaver River	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	4.90E-02
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.14E-01
11/6/98 9:04	LWAK	ARV	James River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	4.53E-02
11/6/98 9:04	LWAK	ARV	Sports Lake	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.29E-01
11/6/98 9:05	LWAK	ARV	Holman Creek	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.82E-01
11/6/98 9:06	LWAK	ARV	Rivanna River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.09E-01
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	1.70E-01
11/6/98 9:08	LWAK	BRO	McNeely Lake	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	1.81E-01
11/6/98 9:09	LWAK	BRO	Silver Lake	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	4.74E-01
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	4.65E-02
11/6/98 9:10	LWAK	CAS	Cascade Creek	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.19E-01
11/6/98 9:11	LWAK	CAS	Smith River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.07E-01
11/6/98 9:12	LWAK	CAS	Dan River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.98E-01
11/6/98 9:13	LWAK	COH	Troy Reservoir	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	3.02E-01
11/6/98 9:14	LWAK	COH	Hudson River	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	4.59E-02
11/6/98 9:14	LWAK	COH	Mohawk River	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	5.31E-02
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	1.24E-01
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	2.03E+01	2.20E-01	1.09E+02	0.00E+00	7.61E+01	4.58E-02
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	2.03E+01	2.20E-01	1.09E+02	0.00E+00	7.61E+01	1.39E-01
11/6/98 9:18	LWAK	NOR	Lake Tillery	2.03E+01	2.20E-01	1.09E+02	0.00E+00	7.61E+01	1.10E-01
11/6/98 9:19	OINCLarge	334	Mississippi River	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	4.80E-02
11/6/98 9:20	OINCLarge	334	Vermilion River	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	5.04E-02
11/6/98 9:21	OINCLarge	334	Colby Lake	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	3.73E-01
11/6/98 9:22	OINCLarge	334	Lake Isabelle	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	3.25E-01
11/6/98 9:23	OINCLarge	463	Blue River	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	1.09E-01
11/6/98 9:23	OINCLarge	463	Rock Creek	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	1.68E-01
11/6/98 9:24	OINCLarge	463	Shoal Creek	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	1.13E-01
11/6/98 9:25	OINCLarge	463	Missouri River	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	4.58E-02
11/6/98 9:26	OINCLarge	464	Ottawa River	1.27E+01	2.20E-01	9.32E+01	0.00E+00	6.52E+01	5.08E-02
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	1.27E+01	2.20E-01	9.32E+01	0.00E+00	6.52E+01	3.76E-01
11/6/98 9:27	OINCLarge	464	Metzger/Ferguson Reservoir	1.27E+01	2.20E-01	9.32E+01	0.00E+00	6.52E+01	3.13E-01
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.34E-01
11/6/98 9:29	OINCLarge	504	Darby Creek	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.12E-01
11/6/98 9:30	OINCLarge	504	Cooper River Lake	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.31E-01
11/6/98 9:31	OINCLarge	504	Schuykill River	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.12E-01
11/6/98 9:32	OINCLarge	600	Lake Jackson	6.40E+00	2.20E-01	7.42E+01	0.00E+00	5.19E+01	3.06E-01
11/6/98 9:32	OINCLarge	600	Oyster Creek	6.40E+00	2.20E-01	7.42E+01	0.00E+00	5.19E+01	1.29E-01
11/6/98 9:33	OINCLarge	600	Brazos River	6.40E+00	2.20E-01	7.42E+01	0.00E+00	5.19E+01	1.20E-01
11/6/98 9:34	OINCLarge	711	Brechtel Lake	2.54E+01	2.20E-01	1.54E+02	0.00E+00	1.08E+02	3.55E-01
11/6/98 9:35	OINCLarge	711	Mississippi River	2.54E+01	2.20E-01	1.54E+02	0.00E+00	1.08E+02	1.24E-01
11/6/98 9:36	OINCLarge	806	Wolf Lake	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	1.82E-01
11/6/98 9:37	OINCLarge	806	Lake George	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	3.18E-01
11/6/98 9:37	OINCLarge	806	Little Calumet River	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	4.87E-02
11/6/98 9:38	OINCLarge	806	Grand Calumet River	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	1.20E-01
11/6/98 9:39	OINCLarge	915	Genesee River	1.91E+01	2.20E-01	8.08E+01	0.00E+00	5.65E+01	5.23E-02
11/6/98 9:40	OINCLarge	915	Irondequoit Bay	1.91E+01	2.20E-01	8.08E+01	0.00E+00	5.65E+01	3.07E-01
11/6/98 9:41	OINCLarge	915	Highland Reservoir	1.91E+01	2.20E-01	8.08E+01	0.00E+00	5.65E+01	5.99E-01
11/6/98 9:42	OINCLarge	A32	Armand Bayou	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.16E-01
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	1.26E-01
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	1.32E-01
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	1.36E-01
11/6/98 9:45	OINCLarge	A43	Niagara River	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	4.68E-02
11/6/98 9:46	OINCLarge	A50	Carpenters Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.28E-01
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.03E-01
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.09E-01
11/6/98 9:48	OINCLarge	A50	San Jacinto River	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.22E-01
11/6/98 9:49	OINCLarge	A62	Caney Creek	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.10E-01
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.29E-01
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.87E-01
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.07E-02
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.81E-01
11/6/98 9:54	OINCLarge	B20	Euclid Creek	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.30E-01
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	3.89E-01
11/6/98 9:56	OINCLarge	HAN	Fabus River	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	1.38E-01
11/6/98 9:57	OINCLarge	HAN	Spring Lake	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	4.59E-01
11/6/98 9:57	OINCLarge	HAN	Mississippi River	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	4.58E-02
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	5.20E-02
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	3.26E-01
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	4.94E-02
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	1.19E-01
11/6/98 10:02	OINCLarge	MCI	Hals Lake	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.16E-01
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.91E-01
11/6/98 10:03	OINCLarge	MCI	Alabama River	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.09E-01
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	4.68E-02
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	5.10E-02
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.15E-01
11/6/98 10:07	OINCLarge	MID	Kankawlin River	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	5.33E-02
11/6/98 10:08	OINCLarge	MID	Chippewa River (most inclusive data)	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.20E-01
11/6/98 10:08	OINCLarge	STG	Bayou Plaquemine	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.88E-01
11/6/98 10:09	OINCLarge	STG	Manchac Bayou	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	5.10E-02
11/6/98 10:10	OINCLarge	STG	Bayou Fountain	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.19E-01
11/6/98 10:11	OINCLarge	STG	Mississippi River	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.18E-01
11/6/98 10:13	OINCSmall	340	Sunfish Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.16E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body
11/6/98 10.14	01NCSmall 340	Proctor Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.29E-01
11/6/98 10.14	01NCSmall 340	Fish Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	5.29E-02
11/6/98 10.15	01NCSmall 340	Ohio River	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	4.46E-02
11/6/98 10.16	01NCSmall 342	Kalamazoo River	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	4.89E-02
11/6/98 10.17	01NCSmall 342	East Lake	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	1.90E-01
11/6/98 10.18	01NCSmall 342	Portage Creek	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	1.15E-01
11/6/98 10.19	01NCSmall 342	Portage River	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	5.01E-02
11/6/98 10.20	01NCSmall 453	Lake Spivey	2.41E+01	2.20E-01	1.27E+02	0.00E+00	8.86E+01	1.40E-01
11/6/98 10.21	01NCSmall 453	Jester Creek	2.41E+01	2.20E-01	1.27E+02	0.00E+00	8.86E+01	1.40E-01
11/6/98 10.22	01NCSmall 453	Flint River	2.41E+01	2.20E-01	1.27E+02	0.00E+00	8.86E+01	5.27E-02
11/6/98 10.23	01NCSmall 468	Wissahickon Creek	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.13E-01
11/6/98 10.25	01NCSmall 468	Tacony Creek	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.24E-01
11/6/98 10.26	01NCSmall 468	Schuykill	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	4.81E-02
11/6/98 19.30	01NCSmall 468	Pickering Creek Reservoir	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.68E-01
11/6/98 19.31	01NCSmall 701	Wabash River	1.52E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	4.63E-02
11/6/98 19.32	01NCSmall 701	Sugar Creek	1.52E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	1.32E-01
11/6/98 19.33	01NCSmall 701	Big Raconon Creek	1.52E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	5.10E-02
11/6/98 19.34	01NCSmall 704	Garvey Reservoir	1.30E+00	2.20E-01	2.87E+01	0.00E+00	2.01E+01	4.88E-01
11/6/98 19.35	01NCSmall 704	Logg Lake	1.30E+00	2.20E-01	2.87E+01	0.00E+00	2.01E+01	4.79E-01
11/6/98 19.36	01NCSmall 704	Silver Lake Res.	1.30E+00	2.20E-01	2.87E+01	0.00E+00	2.01E+01	3.29E-01
11/6/98 19.36	01NCSmall 708	Grindle Creek	1.40E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.09E-01
11/6/98 19.37	01NCSmall 708	Parker Creek	1.40E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.41E-01
11/6/98 19.38	01NCSmall 708	Tranters Creek	1.40E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.09E-01
11/6/98 19.39	01NCSmall 725	Passaic River	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	3.14E-01
11/6/98 19.40	01NCSmall 725	Silver Lake Reservoir	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	4.71E-01
11/6/98 19.41	01NCSmall 725	Reservoir No. 2	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	5.67E-01
11/6/98 19.42	01NCSmall 725	Rahway River	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	3.51E-01
11/6/98 19.42	01NCSmall 824	Newton Lake	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.83E-01
11/6/98 19.43	01NCSmall 824	Big Timber Creek	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.16E-01
11/6/98 19.44	01NCSmall 824	Darby Creek	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.15E-01
11/6/98 19.45	01NCSmall 824	Schuykill River	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.21E-01
11/6/98 19.46	01NCSmall 904	Pascagoula River	3.81E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.31E-01
11/6/98 19.47	01NCSmall 904	Escatawpa River	3.81E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.11E-01
11/6/98 19.48	01NCSmall 906	Mississippi River	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	4.86E-02
11/6/98 19.48	01NCSmall 906	Coopers Creek	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.20E-01
11/6/98 19.49	01NCSmall 906	Eliza Creek	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.21E-01
11/6/98 19.50	01NCSmall 906	Muscataine Slough	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.14E-01
11/6/98 19.51	01NCSmall A14	New River	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.09E-01
11/6/98 19.52	01NCSmall A14	Bayou Conway	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.16E-01
11/6/98 19.53	01NCSmall A14	Mississippi River	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.25E-01
11/6/98 19.54	01NCSmall A14	Bayou Lafourche	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	2.13E-01
11/6/98 19.55	01NCSmall A26	Big Creek (includes Sulfur Spring Creek)	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.32E-01
11/6/98 19.55	01NCSmall A26	Carter Creek	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.20E-01
11/6/98 19.56	01NCSmall A26	Dot Creek	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.13E-01
11/6/98 19.57	01NCSmall A31	Nottaway River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	4.94E-02
11/6/98 19.58	01NCSmall A31	Chowan River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	4.80E-02
11/6/98 19.59	01NCSmall A31	Nottaway Swamp (a creek)	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.24E-01
11/6/98 20.00	01NCSmall A45	Sheldon Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.02E-01
11/6/98 20.01	01NCSmall A45	Highlands Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 20.02	01NCSmall A45	Greens Bayou	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 20.02	01NCSmall A45	Buffalo Bayou	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	5.07E-02
11/6/98 20.03	01NCSmall A46	Little Muskingum River	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	5.07E-02
11/6/98 20.04	01NCSmall A46	Ohio River	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	5.13E-02
11/6/98 20.05	01NCSmall A46	Middle Island Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	4.93E-02
11/6/98 20.06	01NCSmall A47	Caney River	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	4.69E-02
11/6/98 20.07	01NCSmall A47	Sand Creek	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	5.18E-02
11/6/98 20.08	01NCSmall A47	Bar-Dew Lake	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	2.04E-01
11/6/98 20.09	01NCSmall A47	Lake Hudson	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	1.39E-01
11/6/98 20.09	01NCSmall A55	Mohawk River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	4.68E-02
11/6/98 20.10	01NCSmall A55	Acipause Kill River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.14E-01
11/6/98 20.11	01NCSmall A55	Stony Creek Reservoir	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.41E-01
11/6/98 20.12	01NCSmall A55	Waterlief Reservoir	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.07E-01
11/6/98 20.13	01NCSmall B18	Gulf Intercoastal Waterway	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	5.19E-02
11/6/98 20.14	01NCSmall B18	Bayou La Butte	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.31E-01
11/6/98 20.15	01NCSmall B18	Mississippi River	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.19E-01
11/6/98 20.16	01NCSmall B18	Bayou Manchac	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	5.30E-02
11/6/98 20.16	01NCSmall B23	Hillbrandt Bayou	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.18E-01
11/6/98 20.17	01NCSmall B23	Cow Bayou	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.20E-01
11/6/98 20.18	01NCSmall B23	Neches River	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.20E-01
11/6/98 20.19	01NCSmall B23	Port Arthur Reservoir	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	3.51E-01
11/6/98 19.35	01NCSmall B31	Wassahickon Creek	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.14E-01
11/6/98 19.36	01NCSmall B31	Neshaminy Creek	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.13E-01
11/6/98 19.37	01NCSmall B31	Peace Valley Reservoir	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.74E-01
11/6/98 19.38	01NCSmall B31	Schuykill River	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	4.68E-02
11/6/98 20.23	01NCSmall B32	Cedar Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.08E-01
11/6/98 20.24	01NCSmall B32	Cary Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.80E-01
11/6/98 20.25	01NCSmall B32	Goose Creek	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.26E-01
11/6/98 20.26	01NCSmall B37	Arkansas River	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	5.00E-02
11/6/98 20.27	01NCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.09E-01
11/6/98 20.28	01NCSmall B37	Yellow Lake	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.91E-01
11/6/98 20.29	01NCSmall B37	Lake Pine Bluff	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.19E-01
11/6/98 20.30	01NCSmall B44	Sheldon Reservoir	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.03E-01
11/6/98 20.31	01NCSmall B44	Greens Bayou	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 20.32	01NCSmall B44	Buffalo Bayou	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	5.15E-02
11/6/98 20.32	01NCSmall B44	Hunting Bayou	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.31E-01
11/6/98 20.33	01NCSmall TOO	Rush Lake	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	5.13E-02
11/6/98 20.34	01NCSmall TOO	Box Elder Wash	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	1.16E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body
11/6/98 20:35	OINCSmall TOC	Blue Lakes	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	3.35E-01
11/6/98 20:36	OINCSmall TOC	Soldier Creek	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	1.35E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² -yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 7.43	CINC	209	Lawsons Fork Creek	3.00E+00		8.30E+05		1.33E+07		1.13E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.44	CINC	209	Tyger River	3.00E+00		1.04E+06		2.08E+07		5.37E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.45	CINC	209	Fair Forest Creek	3.00E+00		7.64E+05		1.74E+07		8.81E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.46	CINC	209	Middle Tyger River	3.00E+00		1.19E+06		7.10E+06		1.22E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.46	CINC	214	Fish Ponds	3.00E+00		6.55E+05		6.75E+04		6.75E+04	1.00E-03	7.30E+02	3.70E-01
11/6/98 7.47	CINC	214	Lake Clause	3.00E+00		1.34E+05		2.83E+05		3.25E+06	1.00E-03	7.30E+02	3.70E-01
11/6/98 7.48	CINC	214	University Lake/ City Park Lake	3.00E+00		2.24E+05		1.40E+05		5.68E+05	1.00E-03	7.30E+02	3.70E-01
11/6/98 7.48	CINC	214	Comite River	3.00E+00		2.69E+05		3.72E+06		4.97E+08	1.00E-03	7.30E+02	1.59E+00
11/6/98 7.49	CINC	221	Highlands Reservoir	3.00E+00		6.30E+04		5.23E+04		6.62E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 7.50	CINC	221	Sheldon Reservoir	3.00E+00		6.36E+04		5.36E+04		6.73E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 7.51	CINC	221	San Jacinto River / Houston Lake	3.00E+00		5.67E+05		5.67E+05		2.33E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 7.52	CINC	324	Shades Creek	3.00E+00		8.32E+05		7.79E+06		1.98E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.52	CINC	324	Valley Creek	3.00E+00		1.20E+06		1.21E+07		2.80E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.53	CINC	324	Bayview Lake	3.00E+00		7.08E+05		6.48E+06		4.04E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 7.54	CINC	324	Cahaba River	3.00E+00		1.04E+06		8.89E+06		3.49E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 7.55	CINC	325	Big Hill Creek	3.00E+00		2.67E+05		3.39E+06		5.70E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 7.56	CINC	325	Potato Creek	3.00E+00		2.31E+05		1.31E+06		8.74E+06	1.00E-03	7.30E+02	2.01E+00
11/6/98 7.57	CINC	325	Claymore Creek	3.00E+00		2.59E+05		9.54E+05		6.34E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 7.58	CINC	325	Verdigris River	3.00E+00		2.53E+05		1.11E+07		1.72E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 7.59	CINC	331	Rocky River	3.00E+00		1.90E+05		2.99E+06		2.30E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.00	CINC	331	East Branch Black River	3.00E+00		4.45E+05		4.45E+06		1.73E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.01	CINC	331	Wyleswood Lake	3.00E+00		1.81E+05		7.12E+03		1.06E+04	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.02	CINC	331	Baldwin Lake	3.00E+00		4.92E+05		4.92E+05		3.93E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.03	CINC	359	Kentucky River	3.00E+00		1.07E+06		2.21E+07		8.69E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.04	CINC	359	Indian Creek	3.00E+00		1.15E+06		1.40E+07		1.62E+08	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.05	CINC	359	Indian Kentucky Creek	3.00E+00		1.20E+06		1.43E+07		3.15E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.06	CINC	359	Ohio River	3.00E+00		1.09E+06		2.41E+07		9.55E+10	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.07	CINC	A15	Tonawanda Creek	3.00E+00		1.37E+04		1.37E+06		4.32E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.08	CINC	A15	Murder Creek	3.00E+00		9.60E+04		1.04E+06		3.59E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.09	CINC	A15	Ellicott Creek	3.00E+00		1.97E+05		2.40E+06		1.41E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.10	CINC	A18	Taylor Bayou	3.00E+00		1.74E+05		3.40E+06		1.73E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 8.11	CINC	A18	Hillebrandt Bayou	3.00E+00		1.71E+05		4.01E+06		1.26E+07	1.00E-03	7.30E+02	7.01E-01
11/6/98 8.12	CINC	A18	Viterbo Reservoir	3.00E+00		1.85E+05		1.41E+05		6.47E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 8.13	CINC	CAL	Tennessee River	3.00E+00		6.05E+05		1.40E+07		5.79E+10	1.00E-03	7.30E+02	1.46E-01
11/6/98 8.14	CINC	CAL	Kentucky Lake	3.00E+00		2.22E+06		3.28E+07		2.94E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.15	CINC	CAL	Barkley Lake	3.00E+00		8.71E+05		9.72E+06		2.13E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.16	CINC	CAL	Cumberland River	3.00E+00		1.14E+06		1.63E+07		2.89E+10	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.17	CINC	ELD	Flat Creek	3.00E+00		1.93E+05		1.93E+06		6.62E+07	1.00E-03	7.30E+02	1.59E+00
11/6/98 8.19	CINC	ELD	Salt Creek	3.00E+00		9.13E+04		4.86E+05		1.02E+07	1.00E-03	7.30E+02	1.59E+00
11/6/98 8.19	CINC	ELD	Calton Lake	3.00E+00		9.97E+04		5.41E+05		1.05E+07	1.00E-03	7.30E+02	3.70E-01
11/6/98 8.20	CINC	ELD	Ouachita River	3.00E+00		1.07E+05		1.68E+06		3.60E+09	1.00E-03	7.30E+02	1.59E+00
11/6/98 8.21	CINC	SAU	Horseshoe Lake	3.00E+00		1.03E+05		1.94E+05		3.01E+06	1.00E-03	7.30E+02	3.70E-01
11/6/98 8.22	CINC	SAU	Old Catokoi Creek	3.00E+00		8.42E+05		2.86E+05		4.30E+07	1.00E-03	7.30E+02	6.62E-01
11/6/98 8.23	CINC	SAU	Mississippi River	3.00E+00		4.61E+05		1.07E+07		3.94E+11	1.00E-03	7.30E+02	6.62E-01
11/6/98 8.24	CK	202	Elk City Lake	3.00E+00		1.92E+05		1.92E+06		7.39E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 8.25	CK	202	Montgomery County State Park Lake	3.00E+00		3.10E+05		6.79E+05		1.00E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 8.26	CK	202	Verdigris River	3.00E+00		2.19E+05		2.19E+06		1.61E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.26	CK	203	Catalpa Creek	3.00E+00		3.46E+05		5.11E+06		1.06E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.27	CK	203	Gilmer Creek	3.00E+00		4.76E+05		4.76E+06		3.17E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.28	CK	203	N. Branch Magowah Creek	3.00E+00		3.24E+05		1.59E+06		6.34E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.29	CK	203	Shotbag Creek	3.00E+00		3.78E+05		3.52E+06		6.34E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.30	CK	204	Bay Creek	3.00E+00		8.10E+05		1.12E+07		1.20E+08	1.00E-03	7.30E+02	6.62E-01
11/6/98 8.30	CK	204	Little Calumet Creek	3.00E+00		9.81E+05		3.60E+06		6.62E+07	1.00E-03	7.30E+02	6.62E-01
11/6/98 8.31	CK	204	Upper and Lower Swan Lake	3.00E+00		1.06E+05		1.08E+05		5.98E+05	1.00E-03	7.30E+02	3.70E-01
11/6/98 8.32	CK	204	Mississippi River	3.00E+00		8.52E+05		3.44E+07		1.16E+11	1.00E-03	7.30E+02	6.62E-01
11/6/98 8.33	CK	302	Maumee River	3.00E+00		7.47E+04		1.75E+06		4.58E+10	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.34	CK	302	Auglaize River	3.00E+00		6.57E+04		1.96E+06		5.68E+10	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.34	CK	302	Six Mile Creek	3.00E+00		9.99E+04		7.93E+05		2.30E+09	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.35	CK	304	Big Walnut Creek	3.00E+00		1.24E+06		2.41E+07		3.04E+08	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.36	CK	304	Glenn Flint Lake	3.00E+00		5.98E+05		2.99E+06		6.04E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.37	CK	304	Deer Creek	3.00E+00		1.04E+06		2.35E+07		8.40E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.38	CK	320	Mud Davis Lake	3.00E+00		3.81E+04		3.81E+04		1.07E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.38	CK	320	Thunder Bay River	3.00E+00		1.05E+05		1.60E+06		8.93E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 8.39	CK	320	Long Lake	3.00E+00		5.26E+04		3.44E+05		7.74E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.40	CK	321	Black Warrior River (most inclusive data)	3.00E+00		3.63E+05		7.14E+06		5.60E+09	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.41	CK	321	Powell Creek	3.00E+00		7.00E+05		1.02E+07		3.41E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.42	CK	321	Lake Demopolis	3.00E+00		3.63E+05		7.14E+06		1.09E+08	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.42	CK	321	Lake Henry	3.00E+00		8.55E+05		1.76E+06		1.76E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 8.43	CK	BAT	Monocacy Creek	3.00E+00		8.75E+05		1.20E+07		4.73E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.44	CK	BAT	Lehigh River	3.00E+00		9.61E+05		3.48E+07		2.13E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 8.45	CK	CHA	Allen Lake	3.00E+00		7.03E+04		2.72E+04		1.25E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 8.46	CK	CHA	Sante Fe Lake	3.00E+00		1.71E+05		8.96E+05		8.96E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 8.47	CK	CHA	Nesho River	3.00E+00		2.06E+05		7.58E+06		2.20E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.47	CK	FOR	Walnut Bayou	3.00E+00		1.11E+05		1.89E+06		6.62E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.48	CK	FOR	West Flat Creek	3.00E+00		1.42E+05		7.96E+05		9.46E+06	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.49	CK	FOR	Hamilton Lake	3.00E+00		4.69E+04		5.39E+04		1.30E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 8.50	CK	FRE	Salt Creek	3.00E+00		1.73E+05		1.06E+06		2.78E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.51	CK	FRE	Verdigris River	3.00E+00		3.93E+05		3.93E+06		1.13E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.51	CK	FRE	Fall River	3.00E+00		2.65E+05		5.31E+06		4.61E+08	1.00E-03	7.30E+02	2.01E+00
11/6/98 8.52	CK	HAR	Indian Field Swamp	3.00E+00		1.72E+05		5.51E+04		1.25E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.53	CK	HAR	Walnut Branch	3.00E+00		7.22E+04		7.28E+03		3.39E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 8.54	CK	HAR	Huttos Lake	3.00E+00		2.16E+05		6.24E+04		1.11E+05	1.00E		

Inputs Used for Base Emissions

				calculated	calculated	redundant	redundant	calculated		
Facility	Site	Waterbody	ef:	pollutant enrichment factor	Xe: sediment loss rate, kg/km ² -yr	L. S. sed. erosion to receiving water, kg/yr	Dilution Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 8:59	CK	TEX	Waxahachie Creek	3.00E+00	3.73E+05	6.21E+06	8.79E+06	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:00	CK	WAM	Cornquessing Creek	3.00E+00	8.42E+05	4.65E+08	4.65E+08	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:00	CK	WAM	Hereford Manor Lake	3.00E+00	8.62E+05	4.59E+05	5.32E+05	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:01	CK	WAM	Beaver River	3.00E+00	5.75E+05	1.17E+07	3.25E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:02	CK	WAM	Slippery Rock Creek	3.00E+00	7.55E+05	1.04E+07	1.03E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:04	LWAK	ARV	James River	3.00E+00	5.88E+05	2.43E+07	3.60E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:04	LWAK	ARV	Sports Lake	3.00E+00	9.15E+05	6.44E+06	1.01E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:05	LWAK	ARV	Holman Creek	3.00E+00	3.76E+05	8.07E+05	1.26E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:06	LWAK	ARV	Rivanna River	3.00E+00	5.60E+05	1.28E+07	3.41E+08	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	3.00E+00	2.50E+06	7.65E+06	1.26E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:08	LWAK	BRO	McNeely Lake	3.00E+00	9.25E+05	1.87E+06	2.65E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:09	LWAK	BRO	Silver Lake	3.00E+00	3.49E+04	2.11E+03	3.02E+04	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:10	LWAK	BRO	Salt River (includes Floyd's Fork)	3.00E+00	1.26E+06	3.89E+07	1.29E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:10	LWAK	CAS	Cascade Creek	3.00E+00	6.43E+05	7.44E+06	6.34E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 9:11	LWAK	CAS	Smith River	3.00E+00	5.11E+05	1.24E+07	5.66E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 9:12	LWAK	CAS	Dan River	3.00E+00	7.22E+05	8.14E+05	1.94E+09	1.00E-03	7.30E+02	2.34E-01
11/6/98 9:13	LWAK	COH	Troy Reservoir	3.00E+00	7.71E+05	3.11E+05	5.30E+05	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:14	LWAK	COH	Hudson River	3.00E+00	3.39E+05	7.13E+06	1.30E+10	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:14	LWAK	COH	Mohawk River	3.00E+00	2.27E+05	1.73E+06	5.18E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	3.00E+00	5.89E+05	3.12E+06	1.71E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	3.00E+00	1.09E+06	4.34E+07	4.74E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	3.00E+00	9.10E+05	3.93E+06	6.35E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:18	LWAK	NOR	Lake Tillery	3.00E+00	1.70E+06	3.79E+07	4.13E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:19	INCLarge	334	Mississippi River	3.00E+00	4.84E+05	1.80E+07	1.47E+10	1.00E-03	7.30E+02	6.62E-01
11/6/98 9:20	INCLarge	334	Vermillion River	3.00E+00	2.38E+05	4.63E+06	7.32E+07	1.00E-03	7.30E+02	6.62E-01
11/6/98 9:21	INCLarge	334	Colby Lake	3.00E+00	4.78E+05	7.70E+04	2.82E+04	1.00E-03	7.30E+02	3.70E-01
11/6/98 9:22	INCLarge	334	Lake Isabelle	3.00E+00	3.21E+04	1.37E+04	8.72E+04	1.00E-03	7.30E+02	3.70E-01
11/6/98 9:23	INCLarge	463	Blue River	3.00E+00	3.16E+05	2.64E+05	6.84E+06	1.00E-03	7.30E+02	1.17E+00
11/6/98 9:23	INCLarge	463	Rock Creek	3.00E+00	2.19E+05	4.42E+05	1.45E+07	1.00E-03	7.30E+02	1.17E+00
11/6/98 9:24	INCLarge	463	Shoal Creek	3.00E+00	5.49E+05	5.26E+06	2.21E+06	1.00E-03	7.30E+02	1.17E+00
11/6/98 9:25	INCLarge	463	Missouri River	3.00E+00	5.34E+05	1.09E+07	3.35E+07	1.00E-03	7.30E+02	1.17E+00
11/6/98 9:26	INCLarge	464	Ottawa River	3.00E+00	2.33E+05	2.74E+06	1.53E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:27	INCLarge	464	Twin Lakes Reservoir	3.00E+00	1.23E+06	1.21E+05	5.40E+04	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:27	INCLarge	464	Metzger/Ferguson Reservoir	3.00E+00	2.64E+05	9.32E+04	2.34E+05	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:28	INCLarge	504	Pennsauken Creek	3.00E+00	1.92E+05	5.33E+05	3.88E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:29	INCLarge	504	Darby Creek	3.00E+00	3.60E+05	3.61E+06	8.80E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:30	INCLarge	504	Cooper River Lake	3.00E+00	7.42E+04	3.20E+05	1.12E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:31	INCLarge	504	Schuykill River	3.00E+00	3.66E+05	3.72E+06	2.80E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 9:32	INCLarge	600	Lake Jackson	3.00E+00	1.02E+06	5.70E+05	1.42E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 9:32	INCLarge	600	Oyster Creek	3.00E+00	5.34E+04	3.25E+05	2.98E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:33	INCLarge	600	Brazos River	3.00E+00	7.20E+05	7.20E+09	7.20E+09	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:34	INCLarge	711	Brechtel Lake	3.00E+00	2.89E+04	6.37E+03	1.70E+05	1.00E-03	7.30E+02	3.70E-01
11/6/98 9:35	INCLarge	711	Mississippi River	3.00E+00	1.04E+06	1.04E+06	1.00E+11	1.00E-03	7.30E+02	1.59E+00
11/6/98 9:36	INCLarge	806	Wolf Lake	3.00E+00	8.69E+05	7.09E+05	1.54E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:37	INCLarge	806	Lake George	3.00E+00	2.55E+06	4.87E+05	2.06E+05	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:37	INCLarge	806	Little Calumet River	3.00E+00	1.41E+05	1.35E+06	6.62E+07	1.00E-03	7.30E+02	6.62E-01
11/6/98 9:38	INCLarge	806	Grand Calumet River	3.00E+00	2.11E+06	4.86E+05	3.15E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:39	INCLarge	915	Genesee River	3.00E+00	1.48E+05	7.78E+05	2.52E+09	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:40	INCLarge	915	Iroquois Bay	3.00E+00	1.87E+05	1.87E+05	4.80E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:41	INCLarge	915	Highland Reservoir	3.00E+00	1.51E+05	6.94E+02	4.68E+03	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:42	INCLarge	A32	Armand Bayou	3.00E+00	9.82E+04	1.30E+06	1.08E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:42	INCLarge	A43	Twelvemile Creek	3.00E+00	2.82E+04	1.08E+05	4.10E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:43	INCLarge	A43	Bergholtz Creek	3.00E+00	6.09E+04	1.68E+05	1.34E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:44	INCLarge	A43	Cayuga Creek	3.00E+00	1.29E+05	5.84E+04	1.72E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:45	INCLarge	A43	Niagara River	3.00E+00	7.49E+04	1.13E+06	8.06E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:46	INCLarge	A50	Carpenters Bayou	3.00E+00	8.58E+04	5.51E+05	7.45E+07	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:47	INCLarge	A50	Highlands Reservoir	3.00E+00	9.45E+04	8.55E+04	7.92E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 9:47	INCLarge	A50	Buffalo Bayou	3.00E+00	7.07E+04	1.44E+06	3.43E+09	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:48	INCLarge	A50	San Jacinto River	3.00E+00	8.63E+04	8.00E+05	2.33E+09	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:49	INCLarge	A62	Caney Creek	3.00E+00	6.93E+04	1.28E+06	1.33E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:50	INCLarge	A62	E & W Fork Crystal Cr.	3.00E+00	3.68E+05	3.70E+05	1.10E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:51	INCLarge	A62	Stewarts Creek	3.00E+00	1.57E+05	9.79E+05	4.31E+07	1.00E-03	7.30E+02	7.01E-01
11/6/98 9:52	INCLarge	A62	Lewis Creek Reservoir	3.00E+00	7.49E+04	1.18E+05	1.25E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 9:52	INCLarge	B20	Cuyahoga River	3.00E+00	2.80E+05	3.15E+06	6.58E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:53	INCLarge	B20	Upper and Lower Shaker Lake	3.00E+00	7.07E+04	9.46E+04	1.62E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:54	INCLarge	B20	Euclid Creek	3.00E+00	1.44E+05	5.85E+05	3.15E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 9:55	INCLarge	B20	Fairmont Reservoir	3.00E+00	8.82E+04	6.45E+03	4.12E+04	1.00E-03	7.30E+02	5.84E-02
11/6/98 9:56	INCLarge	HAN	Fabus River	3.00E+00	5.74E+05	1.43E+07	3.41E+08	1.00E-03	7.30E+02	6.62E-01
11/6/98 9:57	INCLarge	HAN	Spring Lake	3.00E+00	1.73E+05	1.58E+04	2.29E+04	1.00E-03	7.30E+02	3.70E-01
11/6/98 9:57	INCLarge	HAN	Mississippi River	3.00E+00	5.64E+05	2.23E+07	7.03E+10	1.00E-03	7.30E+02	6.62E-01
11/6/98 9:58	INCLarge	KIN	North Fork Holston River	3.00E+00	1.27E+06	1.35E+07	3.14E+08	1.00E-03	7.30E+02	1.46E-01
11/6/98 9:59	INCLarge	KIN	Kingsport Reservoir	3.00E+00	3.15E+05	8.94E+04	3.08E+05	1.00E-03	7.30E+02	5.84E-02
11/6/98 10:00	INCLarge	KIN	South Fork Holston River	3.00E+00	1.16E+06	1.77E+07	1.61E+09	1.00E-03	7.30E+02	1.46E-01
11/6/98 10:01	INCLarge	KIN	Reedy Creek	3.00E+00	9.01E+06	9.01E+06	3.15E+07	1.00E-03	7.30E+02	1.46E-01
11/6/98 10:02	INCLarge	MCI	Hals Lake	3.00E+00	1.61E+05	2.37E+06	3.35E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 10:02	INCLarge	MCI	Helicat Lake	3.00E+00	1.95E+04	3.00E+04	2.13E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 10:03	INCLarge	MCI	Alabama River	3.00E+00	3.44E+04	7.73E+05	2.08E+10	1.00E-03	7.30E+02	2.34E-01
11/6/98 10:04	INCLarge	MCI	Tombigbee River	3.00E+00	1.69E+05	5.58E+06	1.64E+10	1.00E-03	7.30E+02	2.34E-01
11/6/98 10:05	INCLarge	MID	Titabawassee River (plus Sanford Lake)	3.00E+00	2.55E+04	3.08E+05	1.61E+09	1.00E-03	7.30E+02	2.04E-01
11/6/98 10:06	INCLarge	MID	Sturgeon Creek	3.00E+00	2.29E+04	2.29E+04	6.65E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 10:07	INCLarge	MID	Kawkawin River	3.00E+00	2.94E+04	2.63E+05	6.82E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 10:08	INCLarge	MID	Chippewa River (most inclusive data)	3.00E+00	2.40E+04	1.88E+05	3.41E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 10:08	INCLarge	STG	Bayou Plaquemine	3.00E+00	1.47E+05	2.44E+05	1.19E+08	1.00E-03	7.30E+02	1.59E+00
11/6/98 10:09	INCLarge	STG	Manchac Bayou	3.00E+00	4.07E+05	7.01E+06	1.19E+08	1.00E-03	7.30E+02	1.59E+00
11/6/98 10:10	INCLarge	STG	Bayou Fountain	3.00E+00	5.23E+05	5.23E+06	7.52E+07	1.00E-03	7.30E+02	1.59E+00
11/6/98 10:11	INCLarge	STG	Mississippi River	3.00E+00	3.69E+05	4.71E+06	4.17E+11	1.00E-03	7.30E+02	1.59E+00
11/6/98 10:13	INCLarge	340	Sunfish Creek	3.00E+00	2.08E+06	2.97E+07	1.17E+08	1.00E-03	7.30E+02	2.63E-01

Inputs Used for Base Emissions

Facility	Site	Waterbody	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² *yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 10.14	OINCSmall 340	Proctor Creek	calculated	3.00E+00		5.31E+05		3.57E+06	6.34E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 10.14	OINCSmall 340	Fish Creek	calculated	3.00E+00		7.23E+05		9.64E+06	2.01E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 10.15	OINCSmall 340	Ohio River	redundant	3.00E+00		1.01E+06		4.51E+07	3.49E+10	1.00E-03	7.30E+02	2.63E-01	
11/6/98 10.16	OINCSmall 342	Kalamazoo River	calculated	3.00E+00		2.33E+05		2.98E+06	1.01E+09	1.00E-03	7.30E+02	2.04E-01	
11/6/98 10.17	OINCSmall 342	East Lake	calculated	3.00E+00		1.45E+05		1.21E+06	1.10E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 10.18	OINCSmall 342	Portage Creek	calculated	3.00E+00		2.19E+05		1.84E+06	4.83E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 10.19	OINCSmall 342	Portage River	calculated	3.00E+00		2.41E+05		2.58E+06	6.38E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 10.20	OINCSmall 453	Lake Spivey	calculated	3.00E+00		2.48E+06		4.80E+06	7.02E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 10.21	OINCSmall 453	Jester Creek	calculated	3.00E+00		2.93E+06		5.72E+06	3.15E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 10.22	OINCSmall 453	Flint River	calculated	3.00E+00		1.78E+06		1.25E+07	1.20E+08	1.00E-03	7.30E+02	2.34E-01	
11/6/98 10.23	OINCSmall 468	Wissahickon Creek	calculated	3.00E+00		2.77E+06		2.40E+06	8.59E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 10.25	OINCSmall 468	Tacony Creek	calculated	3.00E+00		1.91E+05		6.74E+05	2.37E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 10.26	OINCSmall 468	Schuykill	calculated	3.00E+00		5.32E+05		7.14E+06	2.80E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.30	OINCSmall 468	Pickering Creek Reservoir	calculated	3.00E+00		8.13E+05		1.51E+06	5.05E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 19.31	OINCSmall 701	Wabash River	calculated	3.00E+00		3.55E+05		1.30E+07	9.21E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.32	OINCSmall 701	Sugar Creek	calculated	3.00E+00		5.02E+05		3.08E+06	6.26E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.33	OINCSmall 701	Big Racoon Creek	calculated	3.00E+00		8.16E+05		1.52E+07	4.70E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.34	OINCSmall 704	Garvey Reservoir	calculated	3.00E+00		1.70E+04		2.32E+02	1.52E+03	1.00E-03	7.30E+02	8.76E-02	
11/6/98 19.35	OINCSmall 704	Logg Lake	calculated	3.00E+00		2.47E+04		4.82E+02	1.76E+03	1.00E-03	7.30E+02	8.76E-02	
11/6/98 19.36	OINCSmall 704	Silver Lake Res.	calculated	3.00E+00		6.10E+06		7.47E+05	1.61E+04	1.00E-03	7.30E+02	8.76E-02	
11/6/98 19.36	OINCSmall 708	Grindle Creek	calculated	3.00E+00		1.22E+05		2.50E+06	6.62E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.37	OINCSmall 708	Parker Creek	calculated	3.00E+00		2.66E+05		8.97E+05	1.26E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.38	OINCSmall 708	Tranters Creek	calculated	3.00E+00		1.26E+05		2.71E+06	3.41E+08	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.39	OINCSmall 725	Passaic River	calculated	3.00E+00		3.13E+05		1.02E+09	1.25E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.40	OINCSmall 725	Silver Lake Reservoir	calculated	3.00E+00		7.87E+04		3.38E+03	4.00E+04	1.00E-03	7.30E+02	5.84E-02	
11/6/98 19.41	OINCSmall 725	Reservoir No. 2	calculated	3.00E+00		1.96E+05		2.27E+03	8.94E+03	1.00E-03	7.30E+02	5.84E-02	
11/6/98 19.42	OINCSmall 725	Rahway River	calculated	3.00E+00		1.97E+05		2.94E+04	1.54E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.42	OINCSmall 824	Newton Lake	calculated	3.00E+00		5.64E+04		7.95E+04	2.73E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 19.43	OINCSmall 824	Big Timber Creek	calculated	3.00E+00		1.90E+05		1.92E+06	8.10E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.44	OINCSmall 824	Darby Creek	calculated	3.00E+00		3.20E+05		3.39E+06	8.80E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.45	OINCSmall 824	Schuykill River	calculated	3.00E+00		3.70E+05		2.68E+06	2.80E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.46	OINCSmall 904	Pascagoula River	calculated	3.00E+00		1.19E+05		6.05E+05	1.41E+10	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.47	OINCSmall 904	Escatawpa River	calculated	3.00E+00		2.18E+05		3.55E+06	2.33E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.48	OINCSmall 906	Mississippi River	calculated	3.00E+00		4.69E+05		1.18E+07	4.88E+10	1.00E-03	7.30E+02	6.62E-01	
11/6/98 19.48	OINCSmall 906	Coopers Creek	calculated	3.00E+00		5.82E+05		6.63E+06	9.96E+07	1.00E-03	7.30E+02	6.62E-01	
11/6/98 19.49	OINCSmall 906	Eliza Creek	calculated	3.00E+00		6.39E+05		6.94E+06	1.00E+08	1.00E-03	7.30E+02	6.62E-01	
11/6/98 19.50	OINCSmall 906	Muscataine Slough	calculated	3.00E+00		3.31E+05		5.39E+06	6.32E+00	1.00E-03	7.30E+02	6.62E-01	
11/6/98 19.51	OINCSmall A14	New River	calculated	3.00E+00		1.51E+05		3.28E+06	1.07E+08	1.00E-03	7.30E+02	1.59E+00	
11/6/98 19.52	OINCSmall A14	Bayou Conway	calculated	3.00E+00		1.74E+05		2.49E+06	6.32E+07	1.00E-03	7.30E+02	1.59E+00	
11/6/98 19.53	OINCSmall A14	Mississippi River	calculated	3.00E+00		2.40E+05		2.00E+06	4.16E+11	1.00E-03	7.30E+02	1.59E+00	
11/6/98 19.54	OINCSmall A14	Bayou Lafourche	calculated	3.00E+00		2.11E+05		1.47E+05	2.29E+08	1.00E-03	7.30E+02	1.59E+00	
11/6/98 19.55	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	calculated	3.00E+00		1.34E+06		8.21E+06	1.29E+07	1.00E-03	7.30E+02	2.01E+00	
11/6/98 19.55	OINCSmall A26	Cates Creek	calculated	3.00E+00		5.90E+05		7.25E+06	8.62E+07	1.00E-03	7.30E+02	2.49E+00	
11/6/98 19.56	OINCSmall A26	Dota Creek	calculated	3.00E+00		1.28E+06		2.35E+07	3.41E+08	1.00E-03	7.30E+02	2.01E+00	
11/6/98 19.57	OINCSmall A31	Nottaway River	calculated	3.00E+00		3.77E+05		8.10E+06	3.77E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.58	OINCSmall A31	Chowan River	calculated	3.00E+00		2.47E+05		6.56E+06	3.60E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 19.59	OINCSmall A31	Nottaway Swamp (a creek)	calculated	3.00E+00		1.49E+05		1.72E+05	6.62E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 20.00	OINCSmall A45	Sheldon Reservoir	calculated	3.00E+00		6.44E+04		4.95E+04	6.73E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 20.01	OINCSmall A45	Highlands Reservoir	calculated	3.00E+00		4.77E+04		6.52E+04	8.92E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 20.02	OINCSmall A45	Greens Bayou	calculated	3.00E+00		2.19E+04		1.85E+05	4.73E+07	1.00E-03	7.30E+02	7.01E-01	
11/6/98 20.02	OINCSmall A45	Buffalo Bayou	calculated	3.00E+00		4.23E+04		5.95E+05	2.84E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 20.03	OINCSmall A46	Little Muskingum River	calculated	3.00E+00		1.01E+06		1.95E+07	2.30E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 20.04	OINCSmall A46	Ohio River	calculated	3.00E+00		8.10E+05		1.44E+07	2.52E+10	1.00E-03	7.30E+02	2.63E-01	
11/6/98 20.05	OINCSmall A46	Middle Island Creek	calculated	3.00E+00		1.04E+06		2.45E+07	3.41E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 20.06	OINCSmall A47	Caney River	calculated	3.00E+00		4.04E+05		1.17E+07	3.41E+08	1.00E-03	7.30E+02	2.01E+00	
11/6/98 20.07	OINCSmall A47	Sand Creek	calculated	3.00E+00		2.58E+05		3.70E+06	6.62E+07	1.00E-03	7.30E+02	2.01E+00	
11/6/98 20.08	OINCSmall A47	Bar-Dew Lake	calculated	3.00E+00		2.48E+05		2.13E+05	3.15E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 20.09	OINCSmall A47	Lake Hudson	calculated	3.00E+00		2.45E+05		9.04E+05	1.98E+06	1.00E-03	7.30E+02	6.81E-01	
11/6/98 20.09	OINCSmall A55	Mohawk River	calculated	3.00E+00		8.26E+05		2.72E+05	5.49E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 20.10	OINCSmall A55	Acipause Kill River	calculated	3.00E+00		2.75E+05		4.17E+06	8.89E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 20.11	OINCSmall A55	Stony Creek Reservoir	calculated	3.00E+00		6.25E+06		8.72E+05	6.94E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 20.12	OINCSmall A55	Waterliet Reservoir	calculated	3.00E+00		2.51E+05		5.81E+06	6.14E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 20.13	OINCSmall B18	Gulf Intercostal Waterway	calculated	3.00E+00		7.55E+04		1.07E+06	6.50E+08	1.00E-03	7.30E+02	1.59E+00	
11/6/98 20.14	OINCSmall B18	Bayou La Butte	calculated	3.00E+00		1.48E+05		8.10E+05	6.34E+07	1.00E-03	7.30E+02	1.59E+00	
11/6/98 20.15	OINCSmall B18	Mississippi River	calculated	3.00E+00		3.96E+05		4.41E+06	4.17E+11	1.00E-03	7.30E+02	1.59E+00	
11/6/98 20.16	OINCSmall B18	Bayou Manchac	calculated	3.00E+00		2.04E+05		2.51E+06	3.69E+07	1.00E-03	7.30E+02	1.59E+00	
11/6/98 20.16	OINCSmall B23	Hillbrandt Bayou	calculated	3.00E+00		9.25E+04		9.04E+05	1.31E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 20.17	OINCSmall B23	Cow Bayou	calculated	3.00E+00		1.31E+05		1.14E+06	2.19E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 20.18	OINCSmall B23	Neches River	calculated	3.00E+00		6.71E+04		5.73E+05	7.27E+09	1.00E-03	7.30E+02	7.01E-01	
11/6/98 20.19	OINCSmall B23	Port Arthur Reservoir	calculated	3.00E+00		2.75E+04		5.16E+03	1.04E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 19.35	OINCSmall B31	Wassahickon Creek	calculated	3.00E+00		2.66E+05		3.37E+06	7.78E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.36	OINCSmall B31	Neshaminy Creek	calculated	3.00E+00		3.21E+05		4.20E+06	3.36E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19.37	OINCSmall B31	Peace Valley Reservoir	calculated	3.00E+00		4.90E+05		1.07E+06	4.44E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 19.3													

Inputs Used for Base Emissions

Facility	Site	Waterbody	ef: pollutant enrichment factor	Xe: sediment loss rate, kg/km ² -yr	L S: sed. erosion to receiving water, kg/yr	Dilution Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	3.00E+00	1.76E+03	5.22E+02	1.41E+04	1.00E-03	7.30E+02	9.73E-03
11/6/98 20:36	OINCSmall TOC	Soldier Creek	3.00E+00	1.10E+05	4.72E+05	1.32E+07	1.00E-03	7.30E+02	1.27E-01

calculated calculated redundant redundant calculated

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

Facility	Site	Waterbody	Suspended Sediment Concentration (g/m ³ =mg(sediment)/L(water volume))	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	Biotic mortality rate (/day)	Settling rate for biotic solids (m/yr)
11/6/98 7:43	CINC	209	5.06E+01	2.60E-01	1.58E-01	1.28E+06	3.00E-02	7.30E+01
11/6/98 7:44	CINC	209	2.83E+01	4.34E-02	1.58E-01	5.84E+06	3.00E-02	7.30E+01
11/6/98 7:45	CINC	209	7.38E+01	4.88E-01	1.58E-01	9.78E+05	3.00E-02	7.30E+01
11/6/98 7:45	CINC	209	3.94E+01	1.50E-01	1.58E-01	6.69E+05	3.00E-02	7.30E+01
11/6/98 7:46	CINC	214	3.80E+01	7.50E-03	1.58E-01	9.74E+06	3.00E-02	7.30E+01
11/6/98 7:47	CINC	214	3.90E+01	1.63E-02	1.58E-01	6.87E+05	3.00E-02	7.30E+01
11/6/98 7:48	CINC	214	3.82E+01	9.04E-03	1.58E-01	2.91E+06	3.00E-02	7.30E+01
11/6/98 7:48	CINC	214	6.72E+01	0.00E+00	1.58E-01	1.38E+06	3.00E-02	7.30E+01
11/6/98 7:49	CINC	221	7.00E+01	7.35E-03	1.58E-01	6.15E+06	3.00E-02	7.30E+01
11/6/98 7:50	CINC	221	7.00E+01	7.34E-03	1.58E-01	1.72E+07	3.00E-02	7.30E+01
11/6/98 7:51	CINC	221	6.07E+01	0.00E+00	1.58E-01	5.55E+07	3.00E-02	7.30E+01
11/6/98 7:52	CINC	324	3.00E+01	5.99E-02	1.58E-01	1.60E+06	3.00E-02	7.30E+01
11/6/98 7:52	CINC	324	2.95E+01	5.49E-02	1.58E-01	3.12E+06	3.00E-02	7.30E+01
11/6/98 7:53	CINC	324	1.10E+01	5.42E-02	1.58E-01	5.43E+06	3.00E-02	7.30E+01
11/6/98 7:54	CINC	324	2.47E+01	7.51E-03	1.58E-01	2.37E+06	3.00E-02	7.30E+01
11/6/98 7:55	CINC	325	1.60E+02	0.00E+00	1.58E-01	5.57E+05	3.00E-02	7.30E+01
11/6/98 7:56	CINC	325	1.81E+02	0.00E+00	1.58E-01	5.04E+04	3.00E-02	7.30E+01
11/6/98 7:57	CINC	325	1.40E+02	0.00E+00	1.58E-01	5.39E+05	3.00E-02	7.30E+01
11/6/98 7:58	CINC	325	1.00E+02	0.00E+00	1.58E-01	6.79E+06	3.00E-02	7.30E+01
11/6/98 7:59	CINC	331	1.92E+01	0.00E+00	1.58E-01	3.57E+06	3.00E-02	7.30E+01
11/6/98 8:00	CINC	331	2.25E+01	1.58E-02	1.58E-01	1.69E+06	3.00E-02	7.30E+01
11/6/98 8:01	CINC	331	6.21E+00	9.32E-03	1.58E-01	1.53E+05	3.00E-02	7.30E+01
11/6/98 8:02	CINC	331	1.09E+01	5.30E-02	1.58E-01	4.11E+05	3.00E-02	7.30E+01
11/6/98 8:03	CINC	359	6.90E+00	0.00E+00	1.58E-01	8.18E+06	3.00E-02	7.30E+01
11/6/98 8:04	CINC	359	6.71E+01	3.90E-01	1.58E-01	3.43E+05	3.00E-02	7.30E+01
11/6/98 8:05	CINC	359	1.48E+02	1.18E+00	1.58E-01	3.52E+05	3.00E-02	7.30E+01
11/6/98 8:06	CINC	359	3.79E+00	0.00E+00	1.58E-01	6.49E+07	3.00E-02	7.30E+01
11/6/98 8:07	CINC	A15	1.63E+01	0.00E+00	1.58E-01	5.37E+06	3.00E-02	7.30E+01
11/6/98 8:08	CINC	A15	2.37E+01	2.77E-02	1.58E-01	3.18E+05	3.00E-02	7.30E+01
11/6/98 8:09	CINC	A15	2.00E+01	0.00E+00	1.58E-01	1.87E+06	3.00E-02	7.30E+01
11/6/98 8:10	CINC	A18	5.28E+01	0.00E+00	1.58E-01	1.34E+06	3.00E-02	7.30E+01
11/6/98 8:11	CINC	A18	1.03E+02	3.05E-01	1.58E-01	3.92E+05	3.00E-02	7.30E+01
11/6/98 8:12	CINC	A18	7.02E+01	9.27E-03	1.58E-01	2.07E+06	3.00E-02	7.30E+01
11/6/98 8:13	CINC	CAL	1.30E+00	0.00E+00	1.58E-01	1.99E+07	3.00E-02	7.30E+01
11/6/98 8:14	CINC	CAL	6.80E+00	1.51E-02	1.58E-01	1.82E+08	3.00E-02	7.30E+01
11/6/98 8:15	CINC	CAL	6.37E+00	1.09E-02	1.58E-01	1.15E+08	3.00E-02	7.30E+01
11/6/98 8:16	CINC	ELD	4.39E+00	0.00E+00	1.58E-01	2.18E+07	3.00E-02	7.30E+01
11/6/98 8:17	CINC	ELD	1.13E+02	0.00E+00	1.58E-01	4.98E+05	3.00E-02	7.30E+01
11/6/98 8:19	CINC	ELD	1.53E+02	0.00E+00	1.58E-01	4.74E+05	3.00E-02	7.30E+01
11/6/98 8:19	CINC	ELD	3.81E+01	7.98E-03	1.58E-01	6.33E+06	3.00E-02	7.30E+01
11/6/98 8:20	CINC	ELD	4.52E+01	0.00E+00	1.58E-01	6.10E+06	3.00E-02	7.30E+01
11/6/98 8:21	CINC	SAU	3.80E+01	7.43E-03	1.58E-01	2.95E+07	3.00E-02	7.30E+01
11/6/98 8:22	CINC	SAU	0.63E+00	0.00E+00	1.58E-01	7.35E+04	3.00E-02	7.30E+01
11/6/98 8:23	CINC	SAU	3.18E+00	0.00E+00	1.58E-01	8.53E+07	3.00E-02	7.30E+01
11/6/98 8:24	CK	202	7.02E+01	8.91E-03	1.58E-01	4.17E+07	3.00E-02	7.30E+01
11/6/98 8:25	CK	202	7.23E+01	2.97E-02	1.58E-01	1.17E+06	3.00E-02	7.30E+01
11/6/98 8:26	CK	202	1.25E+02	0.00E+00	1.58E-01	1.07E+07	3.00E-02	7.30E+01
11/6/98 8:26	CK	203	2.93E+01	5.38E-02	1.58E-01	1.69E+06	3.00E-02	7.30E+01
11/6/98 8:27	CK	203	4.09E+01	6.56E-01	1.58E-01	4.03E+05	3.00E-02	7.30E+01
11/6/98 8:28	CK	203	2.44E+01	4.71E-03	1.58E-01	5.25E+05	3.00E-02	7.30E+01
11/6/98 8:29	CK	203	3.43E+01	1.02E-01	1.58E-01	5.81E+05	3.00E-02	7.30E+01
11/6/98 8:30	CK	204	7.76E+01	9.99E-02	1.58E-01	8.89E+05	3.00E-02	7.30E+01
11/6/98 8:30	CK	204	6.11E+01	0.00E+00	1.58E-01	2.89E+05	3.00E-02	7.30E+01
11/6/98 8:31	CK	204	3.83E+01	9.72E-03	1.58E-01	1.49E+06	3.00E-02	7.30E+01
11/6/98 8:32	CK	204	6.22E+00	0.00E+00	1.58E-01	4.95E+07	3.00E-02	7.30E+01
11/6/98 8:33	CK	302	9.97E+01	0.00E+00	1.58E-01	9.74E+06	3.00E-02	7.30E+01
11/6/98 8:34	CK	302	3.11E-01	0.00E+00	1.58E-01	3.39E+06	3.00E-02	7.30E+01
11/6/98 8:34	CK	302	1.57E+00	0.00E+00	1.58E-01	6.48E+05	3.00E-02	7.30E+01
11/6/98 8:35	CK	304	3.42E+01	7.44E-02	1.58E-01	8.47E+06	3.00E-02	7.30E+01
11/6/98 8:36	CK	304	9.06E+00	3.68E-02	1.58E-01	4.28E+06	3.00E-02	7.30E+01
11/6/98 8:37	CK	304	4.17E+01	1.51E-01	1.58E-01	6.05E+06	3.00E-02	7.30E+01
11/6/98 8:38	CK	320	6.09E+00	8.06E-03	1.58E-01	1.28E+07	3.00E-02	7.30E+01
11/6/98 8:38	CK	320	1.78E+01	0.00E+00	1.58E-01	1.97E+07	3.00E-02	7.30E+01
11/6/98 8:39	CK	320	6.02E+00	7.51E-03	1.58E-01	6.17E+07	3.00E-02	7.30E+01
11/6/98 8:40	CK	321	8.14E+00	0.00E+00	1.58E-01	1.08E+07	3.00E-02	7.30E+01
11/6/98 8:41	CK	321	2.77E+01	3.56E-02	1.58E-01	9.51E+05	3.00E-02	7.30E+01
11/6/98 8:42	CK	321	6.21E+00	9.17E-03	1.58E-01	1.39E+08	3.00E-02	7.30E+01
11/6/98 8:42	CK	321	1.77E+01	1.21E-01	1.58E-01	3.92E+05	3.00E-02	7.30E+01
11/6/98 8:43	CK	BAT	3.95E+01	1.29E-01	1.58E-01	3.61E+06	3.00E-02	7.30E+01
11/6/98 8:44	CK	BAT	2.43E+01	0.00E+00	1.58E-01	2.81E+07	3.00E-02	7.30E+01
11/6/98 8:45	CK	CHA	7.03E+01	1.06E-02	1.58E-01	2.38E+05	3.00E-02	7.30E+01
11/6/98 8:46	CK	CHA	7.11E+01	1.80E-02	1.58E-01	8.31E+05	3.00E-02	7.30E+01
11/6/98 8:47	CK	CHA	6.23E+01	0.00E+00	1.58E-01	4.02E+06	3.00E-02	7.30E+01
11/6/98 8:47	CK	FOR	1.81E+02	0.00E+00	1.58E-01	1.80E+06	3.00E-02	7.30E+01
11/6/98 8:48	CK	FOR	1.85E+02	0.00E+00	1.58E-01	2.07E+05	3.00E-02	7.30E+01
11/6/98 8:49	CK	FOR	6.98E+01	4.79E-03	1.58E-01	7.43E+05	3.00E-02	7.30E+01
11/6/98 8:50	CK	FRE	1.15E+02	0.00E+00	1.58E-01	1.04E+05	3.00E-02	7.30E+01
11/6/98 8:51	CK	FRE	9.04E+01	0.00E+00	1.58E-01	3.80E+06	3.00E-02	7.30E+01
11/6/98 8:51	CK	FRE	1.07E+02	0.00E+00	1.58E-01	2.00E+06	3.00E-02	7.30E+01
11/6/98 8:52	CK	HAR	2.05E+01	0.00E+00	1.58E-01	3.13E+06	3.00E-02	7.30E+01
11/6/98 8:53	CK	HAR	8.77E+00	0.00E+00	1.58E-01	8.69E+05	3.00E-02	7.30E+01
11/6/98 8:54	CK	HAR	6.37E+00	1.09E-02	1.58E-01	7.52E+05	3.00E-02	7.30E+01
11/6/98 8:55	CK	HOL	6.40E+00	1.12E-02	1.58E-01	7.52E+05	3.00E-02	7.30E+01
11/6/98 8:55	CK	HOL	8.26E+00	2.86E-02	1.58E-01	2.90E+05	3.00E-02	7.30E+01
11/6/98 8:56	CK	TEX	1.02E+02	2.99E-01	1.58E-01	2.49E+05	3.00E-02	7.30E+01
11/6/98 8:57	CK	TEX	7.52E+01	5.81E-02	1.58E-01	8.17E+05	3.00E-02	7.30E+01
11/6/98 8:58	CK	TEX	1.35E+02	6.14E-01	1.58E-01	3.80E+05	3.00E-02	7.30E+01

Inputs Used for Base Emissions

Facility	Site	Waterbody	Suspended Sediment Concentration (g/m3=mg(sediment)/L(water volume))	Burial (m/yr)	Pore water diffusion coefficient (m2/yr)	Pore water diffusion volume (m3/yr)	Biotic mortality rate (/day)	Settling rate for biotic solids (m/yr)	
11/6/98 8:59	CK	TEX	Waxahachie Creek	1.39E+02	6.57E-01	1.58E-01	3.32E+05	3.00E-02	7.30E+01
11/6/98 9:00	CK	WAM	Connoquenessing Creek	2.51E+01	0.00E+00	1.58E-01	2.30E+06	3.00E-02	7.30E+01
11/6/98 9:00	CK	WAM	Hereford Manor Lake	9.30E+00	3.93E-02	1.58E-01	6.13E+05	3.00E-02	7.30E+01
11/6/98 9:01	CK	WAM	Beaver River	8.42E+00	0.00E+00	1.58E-01	3.78E+06	3.00E-02	7.30E+01
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.96E+01	0.00E+00	1.58E-01	5.99E+06	3.00E-02	7.30E+01
11/6/98 9:04	LWAK	ARV	James River	1.51E+01	0.00E+00	1.58E-01	1.12E+07	3.00E-02	7.30E+01
11/6/98 9:04	LWAK	ARV	Sports Lake	3.61E+01	2.99E-01	1.58E-01	8.99E+05	3.00E-02	7.30E+01
11/6/98 9:05	LWAK	ARV	Holman Creek	3.88E+01	1.16E-01	1.58E-01	1.20E+05	3.00E-02	7.30E+01
11/6/98 9:06	LWAK	ARV	Rivanna River	2.98E+01	2.90E-02	1.58E-01	4.24E+06	3.00E-02	7.30E+01
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.62E+02	1.31E+00	1.58E-01	1.86E+05	3.00E-02	7.30E+01
11/6/98 9:08	LWAK	BRO	McNeely Lake	1.41E+01	9.53E-02	1.58E-01	1.01E+06	3.00E-02	7.30E+01
11/6/98 9:09	LWAK	BRO	Silver Lake	6.05E+00	7.79E-03	1.58E-01	1.87E+05	3.00E-02	7.30E+01
11/6/98 9:09	LWAK	BRO	Salt River (includes Floyd's Fork)	2.80E+01	1.14E-02	1.58E-01	1.14E+07	3.00E-02	7.30E+01
11/6/98 9:10	LWAK	CAS	Cascade Creek	4.02E+01	1.61E-01	1.58E-01	1.35E+06	3.00E-02	7.30E+01
11/6/98 9:11	LWAK	CAS	Smith River	2.33E+01	0.00E+00	1.58E-01	4.68E+06	3.00E-02	7.30E+01
11/6/98 9:12	LWAK	CAS	Dan River	1.55E+01	0.00E+00	1.58E-01	1.53E+07	3.00E-02	7.30E+01
11/6/98 9:13	LWAK	COH	Troy Reservoir	8.36E+00	3.01E-02	1.58E-01	5.78E+05	3.00E-02	7.30E+01
11/6/98 9:14	LWAK	COH	Hudson River	1.16E+01	0.00E+00	1.58E-01	4.15E+07	3.00E-02	7.30E+01
11/6/98 9:14	LWAK	COH	Mohawk River	1.88E+01	0.00E+00	1.58E-01	5.24E+07	3.00E-02	7.30E+01
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	6.59E+00	1.29E-02	1.58E-01	2.29E+07	3.00E-02	7.30E+01
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	3.23E+01	8.14E-02	1.58E-01	6.39E+06	3.00E-02	7.30E+01
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	1.48E+01	9.21E-02	1.58E-01	1.95E+06	3.00E-02	7.30E+01
11/6/98 9:18	LWAK	NOR	Lake Tillery	8.74E+00	3.38E-02	1.58E-01	6.11E+07	3.00E-02	7.30E+01
11/6/98 9:19	ONCLarge	334	Mississippi River	4.08E+00	0.00E+00	1.58E-01	9.51E+07	3.00E-02	7.30E+01
11/6/98 9:20	ONCLarge	334	Vermillion River	6.77E+01	4.54E-03	1.58E-01	5.48E+06	3.00E-02	7.30E+01
11/6/98 9:21	ONCLarge	334	Colby Lake	3.82E+01	9.58E-03	1.58E-01	1.46E+06	3.00E-02	7.30E+01
11/6/98 9:22	ONCLarge	334	Lake Isabelle	3.80E+01	7.73E-03	1.58E-01	1.08E+06	3.00E-02	7.30E+01
11/6/98 9:23	ONCLarge	463	Blue River	1.25E+02	5.95E-02	1.58E-01	1.80E+06	3.00E-02	7.30E+01
11/6/98 9:23	ONCLarge	463	Rock Creek	9.74E+01	0.00E+00	1.58E-01	1.92E+05	3.00E-02	7.30E+01
11/6/98 9:24	ONCLarge	463	Shoal Creek	1.94E+02	7.31E-01	1.58E-01	2.90E+05	3.00E-02	7.30E+01
11/6/98 9:25	ONCLarge	463	Missouri River	1.21E+02	1.73E-02	1.58E-01	3.57E+07	3.00E-02	7.30E+01
11/6/98 9:26	ONCLarge	464	Ottawa River	2.06E+01	0.00E+00	1.58E-01	4.12E+06	3.00E-02	7.30E+01
11/6/98 9:27	ONCLarge	464	Twin Lakes Reservoir	9.08E+00	3.73E-02	1.58E-01	1.74E+05	3.00E-02	7.30E+01
11/6/98 9:27	ONCLarge	464	Metzger/Ferguson Reservoir	6.07E+00	7.99E-03	1.58E-01	5.99E+06	3.00E-02	7.30E+01
11/6/98 9:28	ONCLarge	504	Pennsauken Creek	2.23E+01	0.00E+00	1.58E-01	3.17E+05	3.00E-02	7.30E+01
11/6/98 9:29	ONCLarge	504	Darby Creek	3.27E+01	5.60E-02	1.58E-01	5.74E+05	3.00E-02	7.30E+01
11/6/98 9:30	ONCLarge	504	Cooper River Lake	6.55E+00	1.10E-02	1.58E-01	1.43E+06	3.00E-02	7.30E+01
11/6/98 9:31	ONCLarge	504	Schuykill River	5.50E+00	0.00E+00	1.58E-01	2.42E+06	3.00E-02	7.30E+01
11/6/98 9:32	ONCLarge	600	Lake Jackson	7.05E+01	1.19E-02	1.58E-01	5.33E+06	3.00E-02	7.30E+01
11/6/98 9:32	ONCLarge	600	Oyster Creek	5.29E+01	0.00E+00	1.58E-01	3.60E+06	3.00E-02	7.30E+01
11/6/98 9:33	ONCLarge	600	Brazos River	2.38E+01	0.00E+00	1.58E-01	1.58E+07	3.00E-02	7.30E+01
11/6/98 9:34	ONCLarge	711	Brechtel Lake	3.80E+01	7.24E-03	1.58E-01	4.59E+05	3.00E-02	7.30E+01
11/6/98 9:35	ONCLarge	711	Mississippi River	0.00E+00	0.00E+00	1.58E-01	2.35E+08	3.00E-02	7.30E+01
11/6/98 9:36	ONCLarge	806	Wolf Lake	6.27E+00	9.96E-03	1.58E-01	1.14E+07	3.00E-02	7.30E+01
11/6/98 9:37	ONCLarge	806	Lake George	7.26E+00	1.95E-02	1.58E-01	1.72E+06	3.00E-02	7.30E+01
11/6/98 9:37	ONCLarge	806	Little Calumet River	6.14E+01	0.00E+00	1.58E-01	1.82E+06	3.00E-02	7.30E+01
11/6/98 9:38	ONCLarge	806	Grand Calumet River	3.01E+01	9.11E-02	1.58E-01	5.69E+05	3.00E-02	7.30E+01
11/6/98 9:39	ONCLarge	915	Genesee River	5.25E+00	0.00E+00	1.58E-01	3.53E+06	3.00E-02	7.30E+01
11/6/98 9:40	ONCLarge	915	Irondequoit Bay	9.51E+03	9.51E-03	1.58E-01	2.25E+07	3.00E-02	7.30E+01
11/6/98 9:41	ONCLarge	A32	Highland Reservoir	6.04E+00	7.71E-03	1.58E-01	7.44E+04	3.00E-02	7.30E+01
11/6/98 9:42	ONCLarge	A32	Armand Bayou	3.33E+01	0.00E+00	1.58E-01	2.64E+05	3.00E-02	7.30E+01
11/6/98 9:42	ONCLarge	A43	Twelvemile Creek	1.30E+01	0.00E+00	1.58E-01	2.35E+05	3.00E-02	7.30E+01
11/6/98 9:43	ONCLarge	A43	Bergholtz Creek	1.93E+01	0.00E+00	1.58E-01	2.46E+05	3.00E-02	7.30E+01
11/6/98 9:44	ONCLarge	A43	Cayuga Creek	8.18E+00	0.00E+00	1.58E-01	4.44E+05	3.00E-02	7.30E+01
11/6/98 9:45	ONCLarge	A43	Niagara River	1.44E+01	0.00E+00	1.58E-01	7.09E+06	3.00E-02	7.30E+01
11/6/98 9:46	ONCLarge	A50	Carpenters Bayou	4.52E+01	0.00E+00	1.58E-01	4.69E+05	3.00E-02	7.30E+01
11/6/98 9:47	ONCLarge	A50	Highlands Reservoir	7.00E+01	7.52E-03	1.58E-01	6.15E+06	3.00E-02	7.30E+01
11/6/98 9:47	ONCLarge	A50	Buffalo Bayou	2.06E+01	0.00E+00	1.58E-01	6.00E+06	3.00E-02	7.30E+01
11/6/98 9:48	ONCLarge	A50	San Jacinto River	1.41E+01	0.00E+00	1.58E-01	2.46E+06	3.00E-02	7.30E+01
11/6/98 9:49	ONCLarge	A62	Caney Creek	5.23E+01	0.00E+00	1.58E-01	1.29E+06	3.00E-02	7.30E+01
11/6/98 9:50	ONCLarge	A62	E & W Fork Crystal Cr.	6.02E+01	0.00E+00	1.58E-01	1.11E+06	3.00E-02	7.30E+01
11/6/98 9:51	ONCLarge	A62	Stewarts Creek	5.42E+01	0.00E+00	1.58E-01	3.40E+05	3.00E-02	7.30E+01
11/6/98 9:52	ONCLarge	A62	Lewis Creek Reservoir	7.00E+01	7.52E-03	1.58E-01	5.70E+06	3.00E-02	7.30E+01
11/6/98 9:52	ONCLarge	B20	Cuyahoga River	1.27E+01	0.00E+00	1.58E-01	2.78E+06	3.00E-02	7.30E+01
11/6/98 9:53	ONCLarge	B20	Upper and Lower Shaker Lake	7.20E+00	1.80E-02	1.58E-01	3.07E+05	3.00E-02	7.30E+01
11/6/98 9:54	ONCLarge	B20	Euclid Creek	2.03E+01	0.00E+00	1.58E-01	3.61E+05	3.00E-02	7.30E+01
11/6/98 9:55	ONCLarge	B20	Fairmont Reservoir	6.31E+00	1.02E-02	1.58E-01	9.01E+04	3.00E-02	7.30E+01
11/6/98 9:56	ONCLarge	HAN	Fabus River	0.16E+01	0.00E+00	1.58E-01	6.62E+06	3.00E-02	7.30E+01
11/6/98 9:57	ONCLarge	HAN	Spring Lake	3.88E+01	1.46E-02	1.58E-01	8.87E+04	3.00E-02	7.30E+01
11/6/98 9:57	ONCLarge	HAN	Mississippi River	9.02E+00	0.00E+00	1.58E-01	4.62E+07	3.00E-02	7.30E+01
11/6/98 9:58	ONCLarge	KIN	North Fork Holston River	2.24E+01	7.38E-02	1.58E-01	3.49E+06	3.00E-02	7.30E+01
11/6/98 9:59	ONCLarge	KIN	Kingsport Reservoir	6.55E+00	1.26E-02	1.58E-01	7.08E+05	3.00E-02	7.30E+01
11/6/98 10:00	ONCLarge	KIN	South Fork Holston River	1.28E+01	0.00E+00	1.58E-01	5.77E+06	3.00E-02	7.30E+01
11/6/98 10:01	ONCLarge	KIN	Reedy Creek	4.26E+01	4.66E-01	1.58E-01	6.60E+05	3.00E-02	7.30E+01
11/6/98 10:02	ONCLarge	MCI	Hals Lake	8.54E+00	3.04E-02	1.58E-01	3.65E+06	3.00E-02	7.30E+01
11/6/98 10:02	ONCLarge	MCI	Helicat Lake	6.10E+00	7.72E-03	1.58E-01	7.31E+05	3.00E-02	7.30E+01
11/6/98 10:03	ONCLarge	MCI	Alabama River	5.61E+00	0.00E+00	1.58E-01	2.81E+07	3.00E-02	7.30E+01
11/6/98 10:04	ONCLarge	MCI	Tombigbee River	6.58E+00	0.00E+00	1.58E-01	2.61E+07	3.00E-02	7.30E+01
11/6/98 10:05	ONCLarge	MID	Titabawassee River (plus Sanford Lake)	1.55E+01	0.00E+00	1.58E-01	2.02E+07	3.00E-02	7.30E+01
11/6/98 10:06	ONCLarge	MID	Sturgeon Creek	1.62E+01	0.00E+00	1.58E-01	7.80E+05	3.00E-02	7.30E+01
11/6/98 10:07	ONCLarge	MID	Kawkawin River	1.78E+01	0.00E+00	1.58E-01	1.28E+06	3.00E-02	7.30E+01
11/6/98 10:08	ONCLarge	MID	Chippewa River (most inclusive data)	1.18E+01	0.00E+00	1.58E-01	1.85E+06	3.00E-02	7.30E+01
11/6/98 10:08	ONCLarge	STG	Bayou Plaquemine	1.28E+02	0.00E+00	1.58E-01	1.86E+05	3.00E-02	7.30E+01
11/6/98 10:09	ONCLarge	STG	Manchac Bayou	1.27E+02	0.00E+00	1.58E-01	9.98E+05	3.00E-02	7.30E+01
11/6/98 10:10	ONCLarge	STG	Bayou Fountain	1.51E+02	0.00E+00	1.58E-01	1.03E+06	3.00E-02	7.30E+01
11/6/98 10:11	ONCLarge	STG	Mississippi River	1.84E+01	0.00E+00	1.58E-01	2.37E+08	3.00E-02	7.30E+01
11/6/98 10:13	ONCLarge	340	Sunfish Creek	1.44E+02	1.14E+00	1.58E-01	4.91E+05	3.00E-02	7.30E+01

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

Facility	Site	Waterbody	calculated	calculated	redundant	calculated	redundant	redundant
			Suspended Sediment Concentration (g/m3=mg(sediment)/L(water volume))	Burial (m/yr)	Pore water diffusion coefficient (m2/yr)	Pore water diffusion volume (m3/yr)	Biotic mortality rate (/day)	Setting rate for biotic solids (m/yr)
11/6/98 10.14	OINCSmall 340	Proctor Creek	3.79E+01	1.07E-01	1.58E-01	4.81E+05	3.00E-02	7.30E+01
11/6/98 10.14	OINCSmall 340	Fish Creek	3.32E+01	6.22E-02	1.58E-01	2.11E+06	3.00E-02	7.30E+01
11/6/98 10.15	OINCSmall 340	Ohio River	6.85E+00	0.00E+00	1.58E-01	4.29E+07	3.00E-02	7.30E+01
11/6/98 10.16	OINCSmall 342	Kalamazoo River	1.45E+01	0.00E+00	1.58E-01	8.03E+06	3.00E-02	7.30E+01
11/6/98 10.17	OINCSmall 342	East Lake	6.32E+00	1.03E-02	1.58E-01	1.57E+06	3.00E-02	7.30E+01
11/6/98 10.18	OINCSmall 342	Portage Creek	2.40E+01	3.28E-02	1.58E-01	9.96E+05	3.00E-02	7.30E+01
11/6/98 10.19	OINCSmall 342	Portage River	2.47E+01	3.87E-02	1.58E-01	1.23E+06	3.00E-02	7.30E+01
11/6/98 10.20	OINCSmall 453	Lake Spivey	9.42E+00	4.03E-02	1.58E-01	6.18E+06	3.00E-02	7.30E+01
11/6/98 10.21	OINCSmall 453	Jester Creek	6.64E+01	9.22E+01	1.58E-01	1.84E+05	3.00E-02	7.30E+01
11/6/98 10.22	OINCSmall 453	Flint River	4.70E+01	2.25E-01	1.58E-01	1.33E+06	3.00E-02	7.30E+01
11/6/98 10.23	OINCSmall 468	Wissahickon Creek	4.40E+03	2.72E+01	1.58E-01	1.25E+06	3.00E-02	7.30E+01
11/6/98 10.25	OINCSmall 468	Tacony Creek	2.92E+01	2.35E-02	1.58E-01	3.82E+05	3.00E-02	7.30E+01
11/6/98 10.26	OINCSmall 468	Schuykill	9.28E+00	0.00E+00	1.58E-01	4.73E+06	3.00E-02	7.30E+01
11/6/98 19.30	OINCSmall 468	Pickering Creek Reservoir	9.76E+00	4.33E-02	1.58E-01	1.74E+06	3.00E-02	7.30E+01
11/6/98 19.31	OINCSmall 701	Wabash River	7.31E+00	0.00E+00	1.58E-01	1.23E+07	3.00E-02	7.30E+01
11/6/98 19.32	OINCSmall 701	Sugar Creek	9.50E+00	0.00E+00	1.58E-01	7.31E+05	3.00E-02	7.30E+01
11/6/98 19.33	OINCSmall 701	Big Racoon Creek	2.95E+01	2.44E-02	1.58E-01	2.50E+06	3.00E-02	7.30E+01
11/6/98 19.34	OINCSmall 704	Garvey Reservoir	9.00E+00	7.36E-03	1.58E-01	3.81E+05	3.00E-02	7.30E+01
11/6/98 19.35	OINCSmall 704	Logg Lake	9.00E+00	7.38E-03	1.58E-01	4.42E+05	3.00E-02	7.30E+01
11/6/98 19.36	OINCSmall 704	Silver Lake Res.	1.24E+01	4.08E-02	1.58E-01	9.68E+05	3.00E-02	7.30E+01
11/6/98 19.36	OINCSmall 708	Grindle Creek	2.61E+01	2.40E-02	1.58E-01	1.65E+06	3.00E-02	7.30E+01
11/6/98 19.37	OINCSmall 708	Parker Creek	3.40E+01	1.00E-01	1.58E-01	2.08E+05	3.00E-02	7.30E+01
11/6/98 19.38	OINCSmall 708	Tranters Creek	1.90E+01	0.00E+00	1.58E-01	3.39E+06	3.00E-02	7.30E+01
11/6/98 19.39	OINCSmall 725	Passaic River	2.66E+01	5.62E-03	1.58E-01	3.47E+08	3.00E-02	7.30E+01
11/6/98 19.40	OINCSmall 725	Silver Lake Reservoir	6.01E+00	7.44E-03	1.58E-01	1.25E+06	3.00E-02	7.30E+01
11/6/98 19.41	OINCSmall 725	Reservoir No. 2	6.03E+00	7.61E-03	1.58E-01	3.41E+05	3.00E-02	7.30E+01
11/6/98 19.42	OINCSmall 725	Rahway River	2.70E+01	1.09E-02	1.58E-01	4.52E+08	3.00E-02	7.30E+01
11/6/98 19.42	OINCSmall 824	Newton Lake	6.22E+00	9.00E-03	1.58E-01	1.27E+06	3.00E-02	7.30E+01
11/6/98 19.43	OINCSmall 824	Big Timber Creek	2.47E+01	0.00E+00	1.58E-01	1.67E+05	3.00E-02	7.30E+01
11/6/98 19.44	OINCSmall 824	Darby Creek	3.22E+01	5.12E-02	1.58E-01	4.77E+05	3.00E-02	7.30E+01
11/6/98 19.45	OINCSmall 824	Schuykill River	4.25E+00	0.00E+00	1.58E-01	1.80E+06	3.00E-02	7.30E+01
11/6/98 19.46	OINCSmall 904	Pascagoula River	1.13E+00	0.00E+00	1.58E-01	2.99E+06	3.00E-02	7.30E+01
11/6/98 19.47	OINCSmall 904	Escatawpa River	1.03E+01	0.00E+00	1.58E-01	6.63E+06	3.00E-02	7.30E+01
11/6/98 19.48	OINCSmall 906	Mississippi River	1.20E+01	0.00E+00	1.58E-01	4.58E+07	3.00E-02	7.30E+01
11/6/98 19.48	OINCSmall 906	Cooperas Creek	6.74E+01	0.00E+00	1.58E-01	7.15E+05	3.00E-02	7.30E+01
11/6/98 19.49	OINCSmall 906	Eliza Creek	6.73E+01	0.00E+00	1.58E-01	8.94E+05	3.00E-02	7.30E+01
11/6/98 19.50	OINCSmall 906	Muscataine Slough	9.35E+01	2.56E-01	1.58E-01	9.58E+05	3.00E-02	7.30E+01
11/6/98 19.51	OINCSmall A14	New River	1.35E+02	0.00E+00	1.58E-01	1.81E+06	3.00E-02	7.30E+01
11/6/98 19.52	OINCSmall A14	Bayou Conway	1.35E+02	0.00E+00	1.58E-01	9.81E+05	3.00E-02	7.30E+01
11/6/98 19.53	OINCSmall A14	Mississippi River	1.57E+01	0.00E+00	1.58E-01	1.98E+08	3.00E-02	7.30E+01
11/6/98 19.54	OINCSmall A14	Bayou Lafourche	7.78E+01	0.00E+00	1.58E-01	9.26E+05	3.00E-02	7.30E+01
11/6/98 19.55	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	3.07E+02	9.88E-01	1.58E-01	1.91E+05	3.00E-02	7.30E+01
11/6/98 19.55	OINCSmall A26	Carter Creek	1.72E+02	0.00E+00	1.58E-01	5.89E+05	3.00E-02	7.30E+01
11/6/98 19.56	OINCSmall A26	Dota Creek	1.58E+02	0.00E+00	1.58E-01	2.85E+06	3.00E-02	7.30E+01
11/6/98 19.57	OINCSmall A31	Nottaway River	1.64E+01	0.00E+00	1.58E-01	7.68E+06	3.00E-02	7.30E+01
11/6/98 19.58	OINCSmall A31	Chowan River	1.09E+01	0.00E+00	1.58E-01	1.12E+07	3.00E-02	7.30E+01
11/6/98 19.59	OINCSmall A31	Nottaway Swamp (a creek)	2.36E+01	0.00E+00	1.58E-01	7.94E+05	3.00E-02	7.30E+01
11/6/98 20.00	OINCSmall A45	Sheldon Reservoir	7.00E+01	7.33E-03	1.58E-01	1.73E+07	3.00E-02	7.30E+01
11/6/98 20.01	OINCSmall A45	Highlands Reservoir	7.00E+01	7.32E-03	1.58E-01	6.15E+06	3.00E-02	7.30E+01
11/6/98 20.02	OINCSmall A45	Greens Bayou	6.38E+01	0.00E+00	1.58E-01	1.53E+06	3.00E-02	7.30E+01
11/6/98 20.02	OINCSmall A45	Buffalo Bayou	4.47E+01	0.00E+00	1.58E-01	1.97E+06	3.00E-02	7.30E+01
11/6/98 20.03	OINCSmall A46	Little Muskingum River	5.14E+01	2.39E-01	1.58E-01	1.40E+06	3.00E-02	7.30E+01
11/6/98 20.04	OINCSmall A46	Ohio River	5.80E+00	0.00E+00	1.58E-01	2.76E+07	3.00E-02	7.30E+01
11/6/98 20.05	OINCSmall A46	Middle Island Creek	3.71E+01	1.01E-01	1.58E-01	5.23E+06	3.00E-02	7.30E+01
11/6/98 20.06	OINCSmall A47	Caney River	1.71E+02	0.00E+00	1.58E-01	5.89E+06	3.00E-02	7.30E+01
11/6/98 20.07	OINCSmall A47	Sand Creek	1.83E+02	0.00E+00	1.58E-01	1.65E+06	3.00E-02	7.30E+01
11/6/98 20.08	OINCSmall A47	Bar-Dew Lake	7.16E+01	2.26E-02	1.58E-01	5.36E+05	3.00E-02	7.30E+01
11/6/98 20.09	OINCSmall A47	Lake Hudson	7.09E+01	1.62E-02	1.58E-01	3.69E+06	3.00E-02	7.30E+01
11/6/98 20.09	OINCSmall A55	Mohawk River	8.26E+00	0.00E+00	1.58E-01	8.83E+06	3.00E-02	7.30E+01
11/6/98 20.10	OINCSmall A55	Acipause Kill River	3.53E+01	8.13E-02	1.58E-01	5.53E+05	3.00E-02	7.30E+01
11/6/98 20.11	OINCSmall A55	Stony Creek Reservoir	6.86E+00	1.35E-02	1.58E-01	5.60E+06	3.00E-02	7.30E+01
11/6/98 20.12	OINCSmall A55	Waterliet Reservoir	1.04E+01	4.83E-02	1.58E-01	5.22E+06	3.00E-02	7.30E+01
11/6/98 20.13	OINCSmall B18	Gulf Intercostal Waterway	1.02E+02	0.00E+00	1.58E-01	4.76E+06	3.00E-02	7.30E+01
11/6/98 20.14	OINCSmall B18	Bayou La Butte	9.24E+01	0.00E+00	1.58E-01	3.19E+05	3.00E-02	7.30E+01
11/6/98 20.15	OINCSmall B18	Mississippi River	1.67E+01	0.00E+00	1.58E-01	2.12E+08	3.00E-02	7.30E+01
11/6/98 20.16	OINCSmall B18	Bayou Manchac	1.42E+02	0.00E+00	1.58E-01	5.67E+05	3.00E-02	7.30E+01
11/6/98 20.16	OINCSmall B23	Hilbrandt Bayou	4.89E+01	0.00E+00	1.58E-01	1.06E+06	3.00E-02	7.30E+01
11/6/98 20.17	OINCSmall B23	Cow Bayou	0.31E+01	0.00E+00	1.58E-01	1.24E+06	3.00E-02	7.30E+01
11/6/98 20.18	OINCSmall B23	Neches River	1.90E+01	0.00E+00	1.58E-01	1.16E+07	3.00E-02	7.30E+01
11/6/98 20.19	OINCSmall B23	Port Arthur Reservoir	7.00E+01	7.27E-03	1.58E-01	1.78E+06	3.00E-02	7.30E+01
11/6/98 19.35	OINCSmall B31	Wassahickon Creek	3.25E+01	5.43E-02	1.58E-01	6.89E+05	3.00E-02	7.30E+01
11/6/98 19.36	OINCSmall B31	Neshaminy Creek	1.72E+01	0.00E+00	1.58E-01	7.24E+05	3.00E-02	7.30E+01
11/6/98 19.37	OINCSmall B31	Peace Valley Reservoir	6.95E+00	1.64E-02	1.58E-01	4.85E+06	3.00E-02	7.30E+01
11/6/98 19.38	OINCSmall B31	Schuykill River	1.18E+01	0.00E+00	1.58E-01	5.29E+06	3.00E-02	7.30E+01
11/6/98 20.23	OINCSmall B32	Cedar Bayou	5.85E+01	0.00E+00	1.58E-01	5.69E+06	3.00E-02	7.30E+01
11/6/98 20.24	OINCSmall B32	Cary Bayou	7.69E+01	4.99E-02	1.58E-01	4.44E+04	3.00E-02	7.30E+01
11/6/98 20.25	OINCSmall B32	Goose Creek	7.46E+01	2.72E-02	1.58E-01	7.67E+04	3.00E-02	7.30E+01
11/6/98 20.26	OINCSmall B37	Arkansas River	2.48E+01	0.00E+00	1.58E-01	2.31E+07	3.00E-02	7.30E+01
11/6/98 20.27	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.86E+02	0.00E+00	1.58E-01	2.39E+06	3.00E-02	7.30E+01
11/6/98 20.28	OINCSmall B37	Yellow Lake	7.00E+01	6.92E-03	1.58E-01	5.73E+06	3.00E-02	7.30E+01
11/6/98 20.29	OINCSmall B37	Lake Pine Bluff	6.94E+01	1.28E-03	1.58E-01	5.73E+06	3.00E-02	7.30E+01
11/6/98 20.30	OINCSmall B44	Sheldon Reservoir	7.00E+01	7.38E-03	1.58E-01	1.68E+07	3.00E-02	7.30E+01
11/6/98 20.31	OINCSmall B44	Greens Bayou	4.33E+01	0.00E+00	1.58E-01	1.32E+06	3.00E-02	7.30E+01
11/6/98 20.32	OINCSmall B44	Buffalo Bayou	2.52E+01	0.00E+00	1.58E-01	8.14E+06	3.00E-02	7.30E+01
11/6/98 20.32	OINCSmall B44	Hunting Bayou	6.03E+01	0.00E+00	1.58E-01	3.73E+05	3.00E-02	7.30E+01
11/6/98 20.33	OINCSmall TOO	Rush Lake	2.32E+00	1.99E-02	1.58E-01	3.67E+06	3.00E-02	7.30E+01
11/6/98 20.34	OINCSmall TOO	Box Elder Wash	4.61E+01	3.32E-01	1.58E-01	9.49E+04	3.00E-02	7.30E+01

Inputs Used for Base Emissions

calculated

calculated

redundant

calculated

redundant

redundant

Facility	Site	Waterbody	Suspended Sediment Concentration (g/m ³ =mg[<u>sediment</u>]/L[<u>water column</u>])	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	Biotic mortality rate (/day)	Settling rate for biotic solids (m/yr)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	1.00E+00	7.36E-03	1.58E-01	7.98E+05	3.00E-02	7.30E+01
11/6/98 20:36	OINCSmall TOC	Soldier Creek	1.72E+01	4.37E-02	1.58E-01	2.62E+05	3.00E-02	7.30E+01

Inputs Used for Base Emissions

Site	Agency	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg(sediment)/L(water column))	Multiplier for Soil Erosion to Waterbody	L _{se} A _s *1000 (g/yr)	Vfs (m3/yr)
11/6/98 7.43	CINC	209	1.00E+03	2.76E+00	1.37E+03	2.40E+01	1.00E+00	1.33E+10	1.13E+08
11/6/98 7.44	CINC	209	1.00E+03	2.65E+00	2.66E+02	2.40E+01	1.00E+00	2.08E+10	5.37E+08
11/6/98 7.45	CINC	209	1.00E+03	2.71E+00	2.53E+03	2.40E+01	1.00E+00	1.74E+10	1.82E+07
11/6/98 7.46	CINC	209	1.00E+03	1.50E+00	1.10E+03	2.40E+01	1.00E+00	7.10E+09	8.11E+08
11/6/98 7.46	CINC	214	1.00E+03	8.55E+00	4.80E+01	3.80E+01	1.00E+00	6.55E+07	6.73E+05
11/6/98 7.47	CINC	214	1.00E+03	7.56E+00	2.63E+01	3.80E+01	1.00E+00	2.83E+08	3.25E+06
11/6/98 7.48	CINC	214	1.00E+03	8.52E+00	2.51E+00	3.80E+01	1.00E+00	1.40E+08	5.68E+05
11/6/98 7.48	CINC	214	1.00E+03	8.01E-01	0.00E+00	1.63E+02	1.00E+00	3.72E+09	4.97E+08
11/6/98 7.49	CINC	221	1.00E+03	8.54E+00	1.02E-01	7.00E+01	1.00E+00	5.23E+07	6.62E+05
11/6/98 7.50	CINC	221	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00	5.36E+07	6.73E+05
11/6/98 7.51	CINC	221	1.00E+03	4.69E+00	0.00E+00	7.20E+01	1.00E+00	5.67E+08	2.53E+09
11/6/98 7.52	CINC	324	1.00E+03	2.18E+00	9.17E+02	2.40E+01	1.00E+00	7.70E+09	1.98E+08
11/6/98 7.52	CINC	324	1.00E+03	2.70E+00	7.47E+02	2.40E+01	1.00E+00	1.21E+10	2.80E+08
11/6/98 7.53	CINC	324	1.00E+03	7.09E+00	1.24E+03	6.00E+00	1.00E+00	6.48E+09	4.04E+07
11/6/98 7.54	CINC	324	1.00E+03	1.80E+00	5.31E+02	2.40E+01	1.00E+00	8.98E+09	3.49E+08
11/6/98 7.55	CINC	325	1.00E+03	2.46E+00	0.00E+00	2.06E+02	1.00E+00	3.39E+09	5.70E+07
11/6/98 7.56	CINC	325	1.00E+03	1.57E+00	0.00E+00	2.06E+02	1.00E+00	1.31E+09	8.74E+06
11/6/98 7.57	CINC	325	1.00E+03	2.17E+00	0.00E+00	2.06E+02	1.00E+00	9.54E+08	6.34E+07
11/6/98 7.58	CINC	325	1.00E+03	1.11E+00	0.00E+00	2.06E+02	1.00E+00	1.11E+10	1.72E+09
11/6/98 7.59	CINC	331	1.00E+03	3.46E+00	0.00E+00	2.10E+01	1.00E+00	2.99E+09	2.30E+08
11/6/98 8.00	CINC	331	1.00E+03	2.42E+00	1.10E+02	2.10E+01	1.00E+00	4.45E+09	1.73E+08
11/6/98 8.01	CINC	331	1.00E+03	8.55E+00	2.73E+01	6.00E+00	1.00E+00	7.12E+06	1.06E+04
11/6/98 8.02	CINC	331	1.00E+03	6.76E+00	6.73E+02	6.00E+00	1.00E+00	4.92E+08	3.93E+06
11/6/98 8.03	CINC	359	1.00E+03	2.82E-01	0.00E+00	2.10E+01	1.00E+00	2.21E+10	8.69E+09
11/6/98 8.04	CINC	359	1.00E+03	6.20E-01	4.00E+03	2.70E+01	1.00E+00	1.40E+10	1.62E+08
11/6/98 8.05	CINC	359	1.00E+03	2.73E+00	5.22E+03	2.70E+01	1.00E+00	1.43E+10	3.15E+07
11/6/98 8.06	CINC	359	1.00E+03	2.03E-01	0.00E+00	2.70E+01	1.00E+00	2.41E+10	9.55E+10
11/6/98 8.07	CINC	A15	1.00E+03	2.96E+00	0.00E+00	2.10E+01	1.00E+00	1.37E+09	4.32E+08
11/6/98 8.08	CINC	A15	1.00E+03	2.28E+00	2.01E+02	2.10E+01	1.00E+00	1.04E+09	3.59E+07
11/6/98 8.09	CINC	A15	1.00E+03	3.11E+00	0.00E+00	2.10E+01	1.00E+00	2.40E+09	1.41E+08
11/6/98 8.10	CINC	A18	1.00E+03	2.00E+00	0.00E+00	7.20E+01	1.00E+00	3.40E+09	1.73E+08
11/6/98 8.11	CINC	A18	1.00E+03	5.57E+00	3.58E+02	7.20E+01	1.00E+00	4.01E+09	1.26E+07
11/6/98 8.12	CINC	A18	1.00E+03	8.49E+00	2.13E+00	7.00E+01	1.00E+00	1.41E+08	6.47E+05
11/6/98 8.13	CINC	CAL	1.00E+03	1.05E-01	0.00E+00	1.50E+01	1.00E+00	1.40E+10	5.79E+10
11/6/98 8.14	CINC	CAL	1.00E+03	8.52E+00	7.01E+01	6.00E+00	1.00E+00	3.28E+10	2.94E+07
11/6/98 8.15	CINC	CAL	1.00E+03	8.52E+00	3.45E+01	6.00E+00	1.00E+00	2.13E+07	2.13E+07
11/6/98 8.16	CINC	CAL	1.00E+03	2.27E-01	0.00E+00	2.70E+01	1.00E+00	1.63E+10	2.89E+10
11/6/98 8.17	CINC	ELD	1.00E+03	1.96E+00	0.00E+00	1.63E+02	1.00E+00	1.93E+09	6.62E+07
11/6/98 8.19	CINC	ELD	1.00E+03	6.91E+00	0.00E+00	1.63E+02	1.00E+00	4.86E+08	1.02E+07
11/6/98 8.19	CINC	ELD	1.00E+03	8.19E+00	2.29E+00	3.00E+01	1.00E+00	5.41E+08	1.04E+07
11/6/98 8.20	CINC	ELD	1.00E+03	4.97E-01	0.00E+00	1.63E+02	1.00E+00	1.68E+09	3.60E+09
11/6/98 8.21	CINC	SAU	1.00E+03	8.54E+00	4.97E-01	3.80E+01	1.00E+00	1.94E+08	3.01E+06
11/6/98 8.22	CINC	SAU	1.00E+03	1.45E+00	0.00E+00	6.80E+01	1.00E+00	2.89E+08	1.29E+07
11/6/98 8.23	CINC	SAU	1.00E+03	6.57E-02	0.00E+00	6.80E+01	1.00E+00	1.07E+10	3.94E+11
11/6/98 8.24	CK	202	1.00E+03	8.52E+00	1.76E+00	7.00E+01	1.00E+00	2.07E+09	7.39E+06
11/6/98 8.25	CK	202	1.00E+03	8.36E+00	2.64E+01	7.00E+01	1.00E+00	6.79E+08	1.00E+06
11/6/98 8.26	CK	202	1.00E+03	1.73E+00	0.00E+00	6.00E+02	1.00E+00	8.28E+09	1.61E+09
11/6/98 8.26	CK	203	1.00E+03	3.54E+00	2.10E+02	2.40E+01	1.00E+00	5.11E+09	1.06E+08
11/6/98 8.27	CK	203	1.00E+03	5.46E+00	1.47E+03	2.40E+01	1.00E+00	4.46E+09	1.34E+07
11/6/98 8.28	CK	203	1.00E+03	2.13E+00	2.16E+01	2.40E+01	1.00E+00	1.59E+09	6.34E+07
11/6/98 8.29	CK	203	1.00E+03	2.32E+00	4.75E+02	2.40E+01	1.00E+00	3.52E+09	6.34E+07
11/6/98 8.30	CK	204	1.00E+03	1.94E+00	1.92E+02	6.80E+01	1.00E+00	1.12E+10	1.20E+08
11/6/98 8.30	CK	204	1.00E+03	1.21E+00	0.00E+00	6.80E+01	1.00E+00	3.60E+09	6.62E+07
11/6/98 8.31	CK	204	1.00E+03	8.47E+00	5.13E+00	3.80E+01	1.00E+00	1.08E+08	5.96E+05
11/6/98 8.32	CK	204	1.00E+03	1.29E-01	0.00E+00	6.80E+01	1.00E+00	3.44E+10	1.16E+11
11/6/98 8.33	CK	302	1.00E+03	6.53E-02	0.00E+00	2.10E+01	1.00E+00	1.75E+09	4.56E+10
11/6/98 8.34	CK	302	1.00E+03	1.83E-02	0.00E+00	2.10E+01	1.00E+00	1.96E+09	5.68E+10
11/6/98 8.34	CK	302	1.00E+03	8.59E-02	0.00E+00	2.10E+01	1.00E+00	7.93E+08	2.30E+09
11/6/98 8.35	CK	304	1.00E+03	5.23E+00	2.56E+02	2.70E+01	1.00E+00	2.41E+10	3.04E+08
11/6/98 8.36	CK	304	1.00E+03	8.24E+00	4.06E+02	6.00E+00	1.00E+00	2.99E+09	6.04E+06
11/6/98 8.37	CK	304	1.00E+03	8.38E+00	4.64E+02	2.70E+01	1.00E+00	2.35E+10	8.40E+07
11/6/98 8.38	CK	320	1.00E+03	8.36E+00	1.18E+01	6.00E+00	1.00E+00	3.31E+08	1.07E+07
11/6/98 8.38	CK	320	1.00E+03	4.43E+00	0.00E+00	2.10E+01	1.00E+00	1.60E+09	8.93E+08
11/6/98 8.39	CK	320	1.00E+03	8.53E+00	1.85E+00	6.00E+00	1.00E+00	3.44E+08	7.74E+06
11/6/98 8.40	CK	321	1.00E+03	5.61E-01	0.00E+00	2.40E+01	1.00E+00	7.14E+09	5.60E+09
11/6/98 8.41	CK	321	1.00E+03	8.03E-01	4.14E+02	2.40E+01	1.00E+00	1.02E+10	3.41E+08
11/6/98 8.42	CK	321	1.00E+03	8.38E+00	2.66E+01	6.00E+00	1.00E+00	7.14E+09	1.08E+08
11/6/98 8.42	CK	321	1.00E+03	7.62E+00	1.57E+03	6.00E+00	1.00E+00	1.06E+09	1.74E+08
11/6/98 8.43	CK	BAT	1.00E+03	8.41E+00	3.77E+02	2.70E+01	1.00E+00	1.20E+10	4.73E+07
11/6/98 8.44	CK	BAT	1.00E+03	3.05E+00	0.00E+00	2.70E+01	1.00E+00	3.48E+10	2.13E+09
11/6/98 8.45	CK	CHA	1.00E+03	8.44E+00	4.18E+00	7.00E+01	1.00E+00	2.72E+07	1.25E+05
11/6/98 8.46	CK	CHA	1.00E+03	8.31E+00	1.34E+01	7.00E+01	1.00E+00	2.72E+08	8.96E+05
11/6/98 8.47	CK	CHA	1.00E+03	5.39E-01	0.00E+00	2.06E+02	1.00E+00	7.58E+09	2.20E+09
11/6/98 8.47	CK	FOR	1.00E+03	5.09E+00	0.00E+00	2.06E+02	1.00E+00	1.89E+09	6.62E+07
11/6/98 8.48	CK	FOR	1.00E+03	4.48E+00	0.00E+00	2.06E+02	1.00E+00	7.99E+08	9.46E+06
11/6/98 8.49	CK	FOR	1.00E+03	8.16E+00	0.00E+00	7.00E+01	1.00E+00	5.39E+07	1.30E+06
11/6/98 8.50	CK	FRE	1.00E+03	1.06E+00	0.00E+00	2.06E+02	1.00E+00	1.06E+09	2.78E+07
11/6/98 8.51	CK	FRE	1.00E+03	9.57E-01	0.00E+00	2.06E+02	1.00E+00	3.93E+09	1.13E+09
11/6/98 8.51	CK	FRE	1.00E+03	1.21E+00	0.00E+00	2.06E+02	1.00E+00	5.31E+09	4.61E+08
11/6/98 8.52	CK	HAR	1.00E+03	4.93E+00	0.00E+00	2.40E+01	1.00E+00	5.51E+07	1.23E+08
11/6/98 8.53	CK	HAR	1.00E+03	7.40E-01	0.00E+00	2.40E+01	1.00E+00	7.38E+06	3.99E+08
11/6/98 8.54	CK	HAR	1.00E+03	8.53E+00	3.33E+01	6.00E+00	1.00E+00	6.24E+07	1.11E+05
11/6/98 8.55	CK	HOL	1.00E+03	8.53E+00	3.61E+01	6.00E+00	1.00E+00	6.76E+07	1.10E+05
11/6/98 8.55	CK	HOL	1.00E+03	7.78E+00	2.83E+02	6.00E+00	1.00E+00	1.55E+08	1.05E+06
11/6/98 8.56	CK	TEX	1.00E+03	3.90E+00	4.12E+02	7.20E+01	1.00E+00	3.13E+09	1.39E+07
11/6/98 8.57	CK	TEX	1.00E+03	8.46E+00	5.72E+01	7.00E+01	1.00E+00	8.85E+08	3.62E+05
11/6/98 8.58	CK	TEX	1.00E+03	3.74E+00	8.53E+02	7.20E+01	1.00E+00	8.39E+09	2.26E+07

Inputs Used for Base Emissions

Facility	Site	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg(sediment)/L(water column))	Multiplier for Soil Erosion to Waterbody	L _{se} A _s *1000 (g/yr)	Vfs (m3/yr)	
11/6/98 8:59	CK	TEX	Waxahachie Creek	1.00E+03	6.24E+00	7.99E+02	7.20E+01	1.00E+00	6.21E+09	8.79E+06
11/6/98 9:00	CK	WAM	Connoquessing Creek	1.00E+03	1.35E+00	2.57E+01	2.70E+01	1.00E+00	1.08E+10	4.65E+08
11/6/98 9:00	CK	WAM	Hereford Manor Lake	1.00E+03	8.36E+00	4.75E+02	6.00E+00	1.00E+00	4.59E+08	5.52E+05
11/6/98 9:01	CK	WAM	Beaver River	1.00E+03	3.44E-01	0.00E+00	2.70E+01	1.00E+00	1.17E+10	3.25E+09
11/6/98 9:02	CK	WAM	Slippery Rock Creek	1.00E+03	1.55E+00	0.00E+00	2.70E+01	1.00E+00	1.00E+10	1.03E+09
11/6/98 9:04	LWAK	ARV	James River	1.00E+03	8.76E-01	0.00E+00	2.70E+01	1.00E+00	2.43E+10	3.60E+09
11/6/98 9:04	LWAK	ARV	Sports Lake	1.00E+03	6.51E+00	4.01E+03	6.00E+00	1.00E+00	6.44E+09	1.01E+07
11/6/98 9:05	LWAK	ARV	Holman Creek	1.00E+03	2.39E+00	5.08E+02	2.70E+01	1.00E+00	8.07E+08	1.26E+07
11/6/98 9:06	LWAK	ARV	Rivanna River	1.00E+03	2.93E+00	1.20E+02	2.70E+01	1.00E+00	1.28E+10	3.41E+08
11/6/98 9:07	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.00E+03	3.38E+00	5.61E+03	2.70E+01	1.00E+00	7.65E+09	1.26E+07
11/6/98 9:08	LWAK	BRO	McNeely Lake	1.00E+03	7.89E+00	1.15E+03	6.00E+00	1.00E+00	1.87E+09	2.86E+06
11/6/98 9:09	LWAK	BRO	Silver Lake	1.00E+03	8.52E+00	4.72E-01	6.00E+00	1.00E+00	2.11E+06	3.02E+04
11/6/98 9:10	LWAK	BRO	Salt River (includes Floyd's Fork)	1.00E+03	2.21E+00	1.13E+02	2.70E+01	1.00E+00	3.89E+10	1.29E+09
11/6/98 9:10	LWAK	CAS	Cascade Creek	1.00E+03	4.27E+00	6.61E+02	2.40E+01	1.00E+00	7.44E+09	6.34E+07
11/6/98 9:11	LWAK	CAS	Smith River	1.00E+03	2.12E+00	0.00E+00	2.40E+01	1.00E+00	1.24E+10	5.66E+08
11/6/98 9:12	LWAK	CAS	Dan River	1.00E+03	2.04E+00	0.00E+00	2.40E+01	1.00E+00	1.84E+08	1.94E+09
11/6/98 9:13	LWAK	COH	Troy Reservoir	1.00E+03	8.35E+00	4.98E+02	6.00E+00	1.00E+00	3.11E+08	5.30E+05
11/6/98 9:14	LWAK	COH	Hudson River	1.00E+03	9.02E-01	0.00E+00	2.70E+01	1.00E+00	7.13E+09	1.30E+10
11/6/98 9:14	LWAK	COH	Mohawk River	1.00E+03	2.49E+00	0.00E+00	2.70E+01	1.00E+00	1.73E+09	5.18E+09
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	1.00E+03	8.39E+00	1.26E+02	6.00E+00	1.00E+00	3.12E+09	1.71E+07
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.00E+03	1.72E+00	4.31E+02	2.40E+01	1.00E+00	4.34E+10	9.74E+08
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	1.00E+03	7.85E+00	1.08E+03	6.00E+00	1.00E+00	3.93E+09	6.35E+06
11/6/98 9:18	LWAK	NOR	Lake Tillery	1.00E+03	8.40E+00	3.12E+02	6.00E+00	1.00E+00	3.79E+10	4.13E+07
11/6/98 9:19	OINCLarge	334	Mississippi River	1.00E+03	1.68E+00	0.00E+00	6.00E+00	1.00E+00	1.80E+10	1.47E+10
11/6/98 9:20	OINCLarge	334	Vermilion River	1.00E+03	8.39E+00	0.00E+00	6.80E+01	1.00E+00	4.63E+09	7.32E+07
11/6/98 9:21	OINCLarge	334	Colby Lake	1.00E+03	8.56E+00	3.25E+00	3.80E+01	1.00E+00	7.70E+07	2.88E+04
11/6/98 9:22	OINCLarge	334	Lake Isabelle	1.00E+03	8.54E+00	5.63E-01	3.80E+01	1.00E+00	1.37E+07	8.72E+04
11/6/98 9:23	OINCLarge	463	Blue River	1.00E+03	1.06E+01	7.86E+01	1.20E+02	1.00E+00	3.16E+09	8.64E+06
11/6/98 9:23	OINCLarge	463	Rock Creek	1.00E+03	3.11E+00	0.00E+00	1.20E+02	1.00E+00	4.42E+08	1.45E+07
11/6/98 9:24	OINCLarge	463	Shoal Creek	1.00E+03	1.01E+01	9.45E+02	1.20E+02	1.00E+00	5.26E+09	2.21E+06
11/6/98 9:25	OINCLarge	463	Missouri River	1.00E+03	1.03E+01	1.27E+01	1.20E+02	1.00E+00	1.09E+10	3.35E+07
11/6/98 9:26	OINCLarge	464	Ottawa River	1.00E+03	4.76E+00	4.73E+01	2.10E+01	1.00E+00	2.74E+09	1.53E+08
11/6/98 9:27	OINCLarge	464	Twin Lakes Reservoir	1.00E+03	8.49E+00	4.86E+02	6.00E+00	1.00E+00	1.21E+08	5.40E+04
11/6/98 9:27	OINCLarge	464	Metzger/Ferguson Reservoir	1.00E+03	8.55E+00	7.82E-01	6.00E+00	1.00E+00	9.32E+07	2.34E+05
11/6/98 9:28	OINCLarge	504	Pennsauken Creek	1.00E+03	2.11E+00	0.00E+00	2.70E+01	1.00E+00	5.33E+08	3.88E+07
11/6/98 9:29	OINCLarge	504	Darby Creek	1.00E+03	1.74E+00	9.36E+02	2.70E+01	1.00E+00	3.61E+09	8.80E+07
11/6/98 9:30	OINCLarge	504	Cooper River Lake	1.00E+03	7.02E+00	1.58E+02	6.00E+00	1.00E+00	2.50E+08	1.12E+07
11/6/98 9:31	OINCLarge	504	Schuykill River	1.00E+03	2.60E-01	0.00E+00	2.70E+01	1.00E+00	3.72E+09	2.80E+09
11/6/98 9:32	OINCLarge	600	Lake Jackson	1.00E+03	8.56E+00	6.01E+00	7.00E+01	1.00E+00	5.70E+08	1.42E+05
11/6/98 9:32	OINCLarge	600	Oyster Creek	1.00E+03	2.90E+00	0.00E+00	7.20E+01	1.00E+00	3.25E+08	2.98E+08
11/6/98 9:33	OINCLarge	600	Brazos River	1.00E+03	6.36E-01	0.00E+00	7.20E+01	1.00E+00	7.03E+09	7.20E+09
11/6/98 9:34	OINCLarge	711	Brechtel Lake	1.00E+03	8.47E+00	0.00E+00	3.80E+01	1.00E+00	6.37E+06	1.70E+05
11/6/98 9:35	OINCLarge	711	Mississippi River	1.00E+03	1.53E-01	0.00E+00	1.53E+02	1.00E+00	4.94E+09	4.18E+11
11/6/98 9:36	OINCLarge	806	Wolf Lake	1.00E+03	8.53E+00	5.77E+01	6.00E+00	1.00E+00	7.09E+08	1.54E+06
11/6/98 9:37	OINCLarge	806	Lake George	1.00E+03	8.53E+00	2.18E+02	6.00E+00	1.00E+00	4.87E+08	2.06E+05
11/6/98 9:37	OINCLarge	806	Little Calumet River	1.00E+03	5.13E+00	0.00E+00	6.80E+01	1.00E+00	1.35E+09	6.62E+07
11/6/98 9:38	OINCLarge	806	Grand Calumet River	1.00E+03	3.91E+00	1.32E+03	2.10E+01	1.00E+00	2.11E+09	3.15E+07
11/6/98 9:39	OINCLarge	915	Genesee River	1.00E+03	4.16E-01	0.00E+00	2.10E+01	1.00E+00	7.78E+08	2.52E+09
11/6/98 9:40	OINCLarge	915	Iroquois Bay	1.00E+03	1.11E+03	8.08E+00	1.11E+03	1.00E+00	4.80E+09	4.80E+07
11/6/98 9:41	OINCLarge	915	Highland Reservoir	1.00E+03	8.55E+00	1.50E+01	6.00E+00	1.00E+00	6.94E+05	4.38E+03
11/6/98 9:42	OINCLarge	A32	Armand Bayou	1.00E+03	7.13E-01	0.00E+00	7.20E+01	1.00E+00	1.30E+09	1.08E+08
11/6/98 9:42	OINCLarge	A43	Twelvemile Creek	1.00E+03	1.56E+00	0.00E+00	2.10E+01	1.00E+00	1.08E+08	4.10E+07
11/6/98 9:43	OINCLarge	A43	Bergholtz Creek	1.00E+03	3.97E+00	6.42E+01	2.10E+01	1.00E+00	1.68E+08	1.34E+07
11/6/98 9:44	OINCLarge	A43	Cayuga Creek	1.00E+03	7.49E-01	0.00E+00	2.10E+01	1.00E+00	1.29E+08	1.72E+08
11/6/98 9:45	OINCLarge	A43	Niagara River	1.00E+03	2.20E+00	0.00E+00	2.10E+01	1.00E+00	1.13E+09	8.06E+08
11/6/98 9:46	OINCLarge	A50	Carpenters Bayou	1.00E+03	1.69E+00	0.00E+00	7.20E+01	1.00E+00	5.51E+08	7.45E+07
11/6/98 9:47	OINCLarge	A50	Highlands Reservoir	1.00E+03	8.53E+00	2.59E-01	7.00E+01	1.00E+00	8.55E+07	7.92E+05
11/6/98 9:47	OINCLarge	A50	Buffalo Bayou	1.00E+03	5.14E-01	0.00E+00	7.20E+01	1.00E+00	1.44E+09	3.43E+09
11/6/98 9:48	OINCLarge	A50	San Jacinto River	1.00E+03	3.17E-01	0.00E+00	7.20E+01	1.00E+00	8.00E+08	2.33E+09
11/6/98 9:49	OINCLarge	A62	Caney Creek	1.00E+03	2.43E+00	0.00E+00	7.20E+01	1.00E+00	1.28E+09	1.33E+08
11/6/98 9:50	OINCLarge	A62	E & W Fork Crystal Cr.	1.00E+03	2.50E+00	0.00E+00	7.20E+01	1.00E+00	3.70E+09	1.10E+08
11/6/98 9:51	OINCLarge	A62	Stewarts Creek	1.00E+03	2.08E+00	0.00E+00	7.20E+01	1.00E+00	8.79E+08	4.31E+07
11/6/98 9:52	OINCLarge	A62	Lewis Creek Reservoir	1.00E+03	8.51E+00	4.18E-01	7.00E+01	1.00E+00	1.18E+08	1.25E+06
11/6/98 9:52	OINCLarge	B20	Cuyahoga River	1.00E+03	1.17E+00	0.00E+00	2.10E+01	1.00E+00	3.15E+09	6.56E+08
11/6/98 9:53	OINCLarge	B20	Upper and Lower Shaker Lake	1.00E+03	7.46E+00	2.73E+02	6.00E+00	1.00E+00	9.48E+07	1.62E+06
11/6/98 9:54	OINCLarge	B20	Euclid Creek	1.00E+03	2.78E+00	1.51E+02	2.10E+01	1.00E+00	5.85E+08	3.15E+07
11/6/98 9:55	OINCLarge	B20	Fairmont Reservoir	1.00E+03	8.45E+00	5.60E+01	6.00E+00	1.00E+00	6.45E+06	4.12E+04
11/6/98 9:56	OINCLarge	HAN	Fabus River	1.00E+03	3.12E+00	0.00E+00	6.80E+01	1.00E+00	1.30E+10	3.41E+08
11/6/98 9:57	OINCLarge	HAN	Spring Lake	1.00E+03	8.50E+00	1.46E+01	3.00E+01	1.00E+00	1.58E+07	2.29E+04
11/6/98 9:57	OINCLarge	HAN	Mississippi River	1.00E+03	1.97E-01	0.00E+00	6.80E+01	1.00E+00	2.23E+10	7.03E+10
11/6/98 9:58	OINCLarge	KIN	North Fork Holston River	1.00E+03	2.51E+00	9.80E+02	1.50E+01	1.00E+00	1.35E+10	3.41E+08
11/6/98 9:59	OINCLarge	KIN	Kingsport Reservoir	1.00E+03	8.46E+00	7.20E+01	6.00E+00	1.00E+00	8.94E+07	3.08E+05
11/6/98 10:00	OINCLarge	KIN	South Fork Holston River	1.00E+03	1.01E+00	1.03E+02	1.50E+01	1.00E+00	1.77E+10	1.61E+09
11/6/98 10:01	OINCLarge	KIN	Reedy Creek	1.00E+03	4.33E+00	4.45E+03	1.50E+01	1.00E+00	9.01E+09	3.15E+07
11/6/98 10:02	OINCLarge	MCI	Hals Lake	1.00E+03	6.82E+00	7.04E+01	6.00E+00	1.00E+00	2.37E+09	3.35E+07
11/6/98 10:02	OINCLarge	MCI	Helicat Lake	1.00E+03	7.92E+00	1.33E+00	6.00E+00	1.00E+00	3.00E+07	2.13E+06
11/6/98 10:03	OINCLarge	MCI	Alabama River	1.00E+03	3.97E-01	0.00E+00	2.40E+01	1.00E+00	7.73E+08	2.08E+10
11/6/98 10:04	OINCLarge	MCI	Tombigbee River	1.00E+03	4.66E-01	0.00E+00	2.40E+01	1.00E+00	5.58E+09	1.64E+10
11/6/98 10:05	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	1.00E+03	2.89E+00	0.00E+00	2.10E+01	1.00E+00	3.08E+08	1.61E+09
11/6/98 10:06	OINCLarge	MID	Sturgeon Creek	1.00E+03	2.83E+00	0.00E+00	2.10E+01	1.00E+00	2.39E+08	6.62E+07
11/6/98 10:07	OINCLarge	MID	Kawkawin River	1.00E+03	3.99E+00	0.00E+00	2.10E+01	1.00E+00	2.63E+08	6.82E+07
11/6/98 10:08	OINCLarge	MID	Chippewa River (most inclusive data)	1.00E+03	1.47E+00	0.00E+00	2.10E+01	1.00E+00	1.88E+08	3.41E+08
11/6/98 10:08	OINCLarge	STG	Bayou Plaquemine	1.00E+03	3.23E+00	0.00E+00	1.63E+02	1.00E+00	2.44E+08	1.34E+07
11/6/98 10:09	OINCLarge	STG	Manchac Bayou	1.00E+03	2.15E+00	0.00E+00	1.63E+02	1.00E+00	7.01E+09	1.19E+08
11/6/98 10:10	OINCLarge	STG	Bayou Fountain	1.00E+03	4.13E+00	0.00E+00	1.63E+02	1.00E+00	5.23E+09	5.25E+07
11/6/98 10:11	OINCLarge	STG	Mississippi River	1.00E+03	1.70E-01	0.00E+00	1.63E+02	1.00E+00	4.71E+09	4.17E+11
11/6/98 10:13	OINCSmall	340	Sunfish Creek	1.00E+03	1.17E+00	7.13E+03	2.70E+01	1.00E+00	2.97E+10	1.17E+08

US EPA ARCHIVE DOCUMENT

Inputs Used for Base Emissions

Facility	Site	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg(sediment)/L(water column))	Multiplier for Soil Erosion to Waterbody	L _{se} A _s *1000 (g/yr)	Vfx (m3/yr)	
11/6/98 10.14	OINCSmall	340	Proctor Creek	1.00E+03	1.98E+00	5.43E+02	2.70E+01	1.00E+00	3.57E+09	6.34E+07
11/6/98 10.14	OINCSmall	340	Fish Creek	1.00E+03	2.57E+00	2.87E+02	2.70E+01	1.00E+00	9.64E+09	2.01E+08
11/6/98 10.15	OINCSmall	340	Ohio River	1.00E+03	3.63E-01	0.00E+00	4.57E+10	1.00E+00	4.51E+10	3.49E+10
11/6/98 10.16	OINCSmall	342	Kalamazoo River	1.00E+03	2.04E+00	0.00E+00	2.10E+01	1.00E+00	2.98E+09	1.01E+09
11/6/98 10.17	OINCSmall	342	East Lake	1.00E+03	8.40E+00	8.00E+01	6.00E+00	1.00E+00	1.21E+08	1.10E+06
11/6/98 10.18	OINCSmall	342	Portage Creek	1.00E+03	4.27E+00	3.80E+02	2.10E+01	1.00E+00	1.84E+09	4.83E+07
11/6/98 10.19	OINCSmall	342	Portage River	1.00E+03	4.08E+00	4.54E+02	2.10E+01	1.00E+00	2.58E+09	6.38E+07
11/6/98 10.20	OINCSmall	453	Lake Spivey	1.00E+03	8.30E+00	8.23E+02	6.00E+00	1.00E+00	4.80E+09	7.02E+06
11/6/98 10.21	OINCSmall	453	Jester Creek	1.00E+03	1.58E+00	8.34E+03	2.40E+01	1.00E+00	5.72E+09	3.15E+07
11/6/98 10.22	OINCSmall	453	Flint River	1.00E+03	2.70E+00	2.38E+03	2.40E+01	1.00E+00	1.25E+10	1.20E+08
11/6/98 10.23	OINCSmall	468	Wissahickon Creek	1.00E+03	3.32E+00	2.87E+02	2.70E+01	1.00E+00	2.40E+09	8.58E+07
11/6/98 10.25	OINCSmall	468	Tacony Creek	1.00E+03	3.61E+00	3.93E+02	2.70E+01	1.00E+00	6.77E+08	2.37E+07
11/6/98 10.26	OINCSmall	468	Schuykill	1.00E+03	4.99E-01	0.00E+00	2.70E+01	1.00E+00	7.14E+09	2.80E+09
11/6/98 19.30	OINCSmall	468	Pickering Creek Reservoir	1.00E+03	7.92E+00	9.78E+02	6.00E+00	1.00E+00	1.51E+09	5.05E+06
11/6/98 19.31	OINCSmall	701	Wabash River	1.00E+03	3.97E-01	0.00E+00	2.70E+01	1.00E+00	1.30E+10	9.21E+09
11/6/98 19.32	OINCSmall	701	Sugar Creek	1.00E+03	3.49E-01	0.00E+00	2.70E+01	1.00E+00	3.08E+09	6.26E+08
11/6/98 19.33	OINCSmall	701	Big Racoon Creek	1.00E+03	1.45E+00	1.30E+02	2.70E+01	1.00E+00	1.52E+10	4.70E+08
11/6/98 19.34	OINCSmall	704	Garvey Reservoir	1.00E+03	8.59E+00	4.22E-01	9.00E+00	1.00E+00	2.92E+05	1.52E+03
11/6/98 19.35	OINCSmall	704	Logg Lake	1.00E+03	8.56E+00	5.14E-01	9.00E+00	1.00E+00	4.82E+05	1.76E+03
11/6/98 19.36	OINCSmall	704	Silver Lake Res.	1.00E+03	8.56E+00	9.35E+02	9.00E+00	1.00E+00	7.47E+08	1.61E+04
11/6/98 19.36	OINCSmall	708	Grindle Creek	1.00E+03	4.82E+00	9.67E+01	2.40E+01	1.00E+00	2.50E+09	6.62E+07
11/6/98 19.37	OINCSmall	708	Parker Creek	1.00E+03	3.67E+00	4.35E+02	2.40E+01	1.00E+00	8.97E+08	1.26E+07
11/6/98 19.38	OINCSmall	708	Tranters Creek	1.00E+03	2.48E+00	0.00E+00	2.40E+01	1.00E+00	2.71E+09	3.41E+08
11/6/98 19.39	OINCSmall	725	Passaic River	1.00E+03	1.11E+01	0.00E+00	2.70E+01	1.00E+00	1.02E+09	1.25E+09
11/6/98 19.40	OINCSmall	725	Silver Lake Reservoir	1.00E+03	8.55E+00	1.00E+00	6.00E+00	1.00E+00	3.38E+06	4.00E+04
11/6/98 19.41	OINCSmall	725	Reservoir No. 2	1.00E+03	8.56E+00	3.16E+00	6.00E+00	1.00E+00	2.27E+06	8.94E+03
11/6/98 19.42	OINCSmall	725	Rahway River	1.00E+03	1.28E+01	0.00E+00	2.70E+01	1.00E+00	2.94E+07	1.54E+08
11/6/98 19.42	OINCSmall	824	Newton Lake	1.00E+03	8.08E+00	4.43E+01	6.00E+00	1.00E+00	7.95E+07	2.73E+06
11/6/98 19.43	OINCSmall	824	Big Timber Creek	1.00E+03	6.04E-01	4.77E+02	2.70E+01	1.00E+00	1.92E+09	8.10E+07
11/6/98 19.44	OINCSmall	824	Darby Creek	1.00E+03	1.46E+00	6.67E+02	2.70E+01	1.00E+00	3.39E+09	8.80E+07
11/6/98 19.45	OINCSmall	824	Schuykill River	1.00E+03	1.95E-01	0.00E+00	2.70E+01	1.00E+00	2.68E+09	2.80E+09
11/6/98 19.46	OINCSmall	904	Pascagoula River	1.00E+03	6.46E-02	0.00E+00	2.40E+01	1.00E+00	6.05E+08	1.41E+10
11/6/98 19.47	OINCSmall	904	Escatawpa River	1.00E+03	8.15E-01	0.00E+00	2.40E+01	1.00E+00	3.55E+09	2.33E+09
11/6/98 19.48	OINCSmall	906	Mississippi River	1.00E+03	2.80E-01	0.00E+00	6.80E+01	1.00E+00	1.18E+10	4.88E+10
11/6/98 19.48	OINCSmall	906	Cooperas Creek	1.00E+03	1.89E+00	1.11E+01	6.80E+01	1.00E+00	9.90E+09	9.96E+07
11/6/98 19.49	OINCSmall	906	Eliza Creek	1.00E+03	2.18E+00	4.63E+00	6.80E+01	1.00E+00	6.94E+09	1.05E+08
11/6/98 19.50	OINCSmall	906	Muscataine Slough	1.00E+03	1.31E+01	2.79E+02	6.80E+01	1.00E+00	5.39E+09	6.32E+00
11/6/98 19.51	OINCSmall	A14	New River	1.00E+03	3.71E+00	0.00E+00	1.63E+02	1.00E+00	3.28E+09	1.07E+08
11/6/98 19.52	OINCSmall	A14	Bayou Conway	1.00E+03	3.49E+00	0.00E+00	1.63E+02	1.00E+00	2.49E+09	6.32E+07
11/6/98 19.53	OINCSmall	A14	Mississippi River	1.00E+03	1.43E-01	0.00E+00	1.63E+02	1.00E+00	2.00E+09	4.16E+11
11/6/98 19.54	OINCSmall	A14	Bayou Lafourche	1.00E+03	1.13E+00	0.00E+00	1.63E+02	1.00E+00	1.47E+08	2.29E+08
11/6/98 19.55	OINCSmall	A26	Big Creek (includes Sulfur Spring Creek)	1.00E+03	3.45E+00	4.72E+02	2.06E+02	1.00E+00	8.21E+09	1.28E+07
11/6/98 19.55	OINCSmall	A26	Cane Creek	1.00E+03	2.13E+00	0.00E+00	2.06E+02	1.00E+00	2.06E+09	6.03E+07
11/6/98 19.56	OINCSmall	A26	Dota Creek	1.00E+03	2.13E+00	0.00E+00	2.06E+02	1.00E+00	2.35E+10	3.41E+08
11/6/98 19.57	OINCSmall	A31	Nottaway River	1.00E+03	1.58E+00	0.00E+00	2.40E+01	1.00E+00	8.10E+09	1.29E+09
11/6/98 19.58	OINCSmall	A31	Chowan River	1.00E+03	8.80E-01	0.00E+00	2.40E+01	1.00E+00	6.58E+09	3.60E+09
11/6/98 19.59	OINCSmall	A31	Nottaway Swamp (a creek)	1.00E+03	2.87E+00	0.00E+00	2.40E+01	1.00E+00	1.49E+09	6.62E+07
11/6/98 20.00	OINCSmall	A45	Sheldon Reservoir	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00	4.95E+07	6.73E+05
11/6/98 20.01	OINCSmall	A45	Highlands Reservoir	1.00E+03	8.54E+00	1.02E-01	7.00E+01	1.00E+00	4.37E+07	6.62E+05
11/6/98 20.02	OINCSmall	A45	Greens Bayou	1.00E+03	5.66E+00	0.00E+00	7.20E+01	1.00E+00	1.85E+08	4.73E+07
11/6/98 20.02	OINCSmall	A45	Buffalo Bayou	1.00E+03	1.83E+00	0.00E+00	7.20E+01	1.00E+00	5.95E+08	2.84E+08
11/6/98 20.03	OINCSmall	A46	Little Muskingum River	1.00E+03	1.63E+00	1.02E+03	2.70E+01	1.00E+00	1.95E+10	2.30E+08
11/6/98 20.04	OINCSmall	A46	Ohio River	1.00E+03	3.25E-01	0.00E+00	2.70E+01	1.00E+00	1.44E+10	2.52E+10
11/6/98 20.05	OINCSmall	A46	Middle Island Creek	1.00E+03	3.42E+00	4.10E+02	2.70E+01	1.00E+00	2.45E+10	3.41E+08
11/6/98 20.06	OINCSmall	A47	Caney River	1.00E+03	3.71E+00	0.00E+00	2.06E+02	1.00E+00	1.17E+10	3.41E+08
11/6/98 20.07	OINCSmall	A47	Sand Creek	1.00E+03	4.82E+00	0.00E+00	2.06E+02	1.00E+00	3.70E+09	6.62E+07
11/6/98 20.08	OINCSmall	A47	Bar-Dew Lake	1.00E+03	8.42E+00	1.96E+01	7.00E+01	1.00E+00	2.13E+08	3.15E+05
11/6/98 20.09	OINCSmall	A47	Lake Hudson	1.00E+03	8.44E+00	1.14E+01	7.00E+01	1.00E+00	9.04E+08	1.98E+06
11/6/98 20.09	OINCSmall	A55	Mohawk River	1.00E+03	4.75E-01	0.00E+00	2.70E+01	1.00E+00	8.28E+09	5.49E+09
11/6/98 20.10	OINCSmall	A55	Acipause Kill River	1.00E+03	1.67E+00	4.95E+02	2.70E+01	1.00E+00	4.17E+09	8.89E+07
11/6/98 20.11	OINCSmall	A55	Stony Creek Reservoir	1.00E+03	8.28E+00	8.71E+01	6.00E+00	1.00E+00	8.72E+08	6.94E+06
11/6/98 20.12	OINCSmall	A55	Waterlief Reservoir	1.00E+03	6.45E+00	6.39E+02	6.00E+00	1.00E+00	5.81E+09	6.14E+07
11/6/98 20.13	OINCSmall	B18	Gulf Intercoastal Waterway	1.00E+03	1.91E+00	0.00E+00	1.63E+02	1.00E+00	1.07E+09	6.50E+08
11/6/98 20.14	OINCSmall	B18	Bayou La Butte	1.00E+03	1.38E+00	0.00E+00	1.63E+02	1.00E+00	8.10E+08	6.34E+07
11/6/98 20.15	OINCSmall	B18	Mississippi River	1.00E+03	1.52E-01	0.00E+00	1.63E+02	1.00E+00	4.41E+09	4.17E+11
11/6/98 20.16	OINCSmall	B18	Bayou Manchac	1.00E+03	3.48E+00	0.00E+00	1.63E+02	1.00E+00	2.51E+09	3.69E+07
11/6/98 20.16	OINCSmall	B23	Hilbrandt Bayou	1.00E+03	2.09E+00	0.00E+00	7.20E+01	1.00E+00	9.04E+08	1.31E+08
11/6/98 20.17	OINCSmall	B23	Cow Bayou	1.00E+03	1.57E+00	0.00E+00	7.20E+01	1.00E+00	1.14E+09	2.12E+08
11/6/98 20.18	OINCSmall	B23	Neches River	1.00E+03	4.70E-01	0.00E+00	7.20E+01	1.00E+00	5.73E+08	7.27E+09
11/6/98 20.19	OINCSmall	B23	Port Arthur Reservoir	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00	5.16E+06	1.04E+05
11/6/98 19.35	OINCSmall	B31	Wassahickon Creek	1.00E+03	2.28E+00	4.57E+02	2.70E+01	1.00E+00	3.37E+09	7.78E+07
11/6/98 19.36	OINCSmall	B31	Neshaminy Creek	1.00E+03	6.31E-01	0.00E+00	2.70E+01	1.00E+00	4.20E+09	3.36E+08
11/6/98 19.37	OINCSmall	B31	Peace Valley Reservoir	1.00E+03	8.35E+00	1.84E+02	6.00E+00	1.00E+00	1.07E+09	4.44E+06
11/6/98 19.38	OINCSmall	B32	Schuykill River	1.00E+03	6.00E-01	0.00E+00	2.70E+01	1.00E+00	1.29E+10	2.63E+09
11/6/98 20.23	OINCSmall	B32	Cedar Bayou	1.00E+03	3.71E+00	0.00E+00	7.20E+01	1.00E+00	2.07E+09	3.31E+08
11/6/98 20.24	OINCSmall	B32	Cary Bayou	1.00E+03	3.61E+00	1.89E+02	7.20E+01	1.00E+00	2.61E+08	2.77E+06
11/6/98 20.25	OINCSmall	B32	Goose Creek	1.00E+03	2.50E+00	2.04E+02	7.20E+01	1.00E+00	6.18E+08	7.66E+06
11/6/98 20.26	OINCSmall	B37	Arkansas River	1.00E+03	1.84E-01	0.00E+00	2.06E+02	1.00E+00	1.48E+09	3.80E+10
11/6/98 20.27	OINCSmall	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.00E+03	6.13E+00	0.00E+00	2.06E+02	1.00E+00	7.96E+08	6.34E+07
11/6/98 20.28	OINCSmall	B37	Yellow Lake	1.00E+03	8.51E+00	0.00E+00	7.00E+01	1.00E+00	4.12E+07	1.27E+06
11/6/98 20.29	OINCSmall	B44	Lake Pine Bluff	1.00E+03	7.92E+00	0.00E+00	7.00E+01	1.00E+00	4.48E+08	1.68E+07
11/6/98 20.30	OINCSmall	B44	Sheldon Reservoir	1.00E+03	8.55E+00	1.51E-02	7.00E+01	1.00E+00	7.20E+07	7.24E+05
11/6/98 20.31	OINCSmall	B44	Greens Bayou	1.00E+03	1.73E+00	0.00E+00	7.20E+01	1.00E+00	2.77E+08	2.04E+08
11/6/98 20.32	OINCSmall	B44	Buffalo Bayou	1.00E+03	6.86E-01	0.00E+00	7.20E+01	1.00E+00	8.29E+08	3.43E+09
11/6/98 20.32	OINCSmall	B44	Hunting Bayou	1.00E+03	4.09E+00	0.00E+00	7.20E+01	1.00E+00	1.98E+08	1.94E+07
11/6/98 20.33	OINCSmall	TOO	Rush Lake	1.00E+03	8.28E+00	1.17E+03	1.00E+00	1.00E+00	1.10E+09	4.52E+06
11/6/98 20.34	OINCSmall	TOO	Box Elder Wash	1.00E+03	1.19E+01	2.31E+03	1.30E+01	1.00E+00	7.19E+08	3.15

Inputs Used for Base Emissions

Facility	Site	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg[sediment]/L[water column])	Multiplier for Soil Erosion to Waterbody	L_se*A_s*1000 (g/yr)	Vfx (m3/yr)
11/6/98 20:35	OINCSmall TOC	Blue Lakes	1.00E+03	8.56E+00	1.40E+00	1.00E+00	1.00E+00	5.22E+05	1.41E+04
11/6/98 20:36	OINCSmall TOC	Soldier Creek	1.00E+03	4.18E+00	3.88E+02	1.30E+01	1.00E+00	4.72E+08	1.32E+07

redundant

calculated

calculated

calculated

redundant

calculated

redundant

Inputs Used for Std Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr)	Biotic mortality rate (/day)	Hg0 Suspended Biotic solids Kd(L/Kg)	
11/6/98 3:59	CINC	209	Lawsons Fork Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:00	CINC	209	Tyger River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:01	CINC	209	Fair Forest Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:01	CINC	209	Middle Tyger River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:02	CINC	214	Fish Ponds	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:03	CINC	214	Lake Clause	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:04	CINC	214	Comite River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:05	CINC	221	Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:06	CINC	221	Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:07	CINC	221	San Jacinto River / Houston Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:07	CINC	324	Shades Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:08	CINC	324	Valley Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:09	CINC	324	Bayview Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:10	CINC	324	Cahaba River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:10	CINC	325	Big Hill Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:11	CINC	325	Potato Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:12	CINC	325	Claymore Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:13	CINC	325	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:14	CINC	331	Rocky River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:14	CINC	331	East Branch Black River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:15	CINC	331	Wyleswood Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:16	CINC	331	Baldwin Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:17	CINC	359	Kentucky River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:17	CINC	359	Indian Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:18	CINC	359	Indian Kentucky Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:19	CINC	359	Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:20	CINC	A15	Tonawanda Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:20	CINC	A15	Murder Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:21	CINC	A15	Ellicott Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:22	CINC	A18	Taylor Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:23	CINC	A18	Viterbo Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:24	CINC	CAL	Tennessee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:25	CINC	CAL	Kentucky Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:26	CINC	CAL	Barkley Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:26	CINC	CAL	Cumberland River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:27	CINC	ELD	Flat Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:28	CINC	ELD	Salt Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:29	CINC	ELD	Calton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:29	CINC	ELD	Ouachita River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:30	CINC	SAU	Horseshoe Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:31	CINC	SAU	Old Catokoa Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:32	CINC	SAU	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:33	CK	202	Elk City Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:34	CK	202	Montgomery County State Park Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:35	CK	202	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:36	CK	203	Catalpa Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:36	CK	203	Wilmer Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:37	CK	203	N. Branch Magawah Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:38	CK	203	Shotbag Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:39	CK	204	Bay Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:40	CK	204	Little Calumet Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:41	CK	204	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:42	CK	302	Maumee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:43	CK	302	Auglaize River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:43	CK	302	Six Mile Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:44	CK	304	Big Walnut Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:45	CK	304	Glenn Flint Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:46	CK	304	Dear Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:47	CK	320	Mud Davis Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:47	CK	320	Thunder Bay River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:48	CK	320	Long Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:50	CK	321	Powell Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:50	CK	321	Lake Demopolis	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:51	CK	321	Lake Henry	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:52	CK	BAT	Monocacy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:53	CK	BAT	Lehigh River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:54	CK	CHA	Allen Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:54	CK	CHA	Sante Fe Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:55	CK	CHA	Neosho River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:56	CK	FOR	Walnut Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:57	CK	FOR	West Flat Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:58	CK	FOR	Hamilton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:58	CK	FRE	Salt Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 4:59	CK	FRE	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:00	CK	FRE	Fall River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:01	CK	HAR	Indian Field Swamp	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:02	CK	HAR	Walnut Branch	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:02	CK	HAR	Huttos Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:03	CK	HOL	Huttos Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:04	CK	HOL	Lake Merkel	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:05	CK	TEX	Armstrong Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:06	CK	TEX	Massay Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5:06	CK	TEX	Mountain Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Std Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr	Biotic mortality rate (t/day)	HgD Suspended Biotic solids Kd(L/Kg)	
11/6/98 5.07	CK	TEX	Waxahachie Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.08	CK	WAM	Connoquessing Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.09	CK	WAM	Hereford Manor Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.10	CK	WAM	Beaver River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.10	CK	WAM	Slippery Rock Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.12	LWAK	ARV	James River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.13	LWAK	ARV	Sports Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.14	LWAK	ARV	Holman Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.14	LWAK	ARV	Rivanna River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.15	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.16	LWAK	BRO	McNeely Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.17	LWAK	BRO	Silver Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.18	LWAK	BRO	Salt River (includes Floyd's Fork)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.18	LWAK	CAS	Cascade Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.19	LWAK	CAS	Smith River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.20	LWAK	CAS	Dan River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.21	LWAK	COH	Troy Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.22	LWAK	COH	Hudson River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.22	LWAK	COH	Mohawk River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.23	LWAK	COH	Tomahannock Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.25	LWAK	NOR	Long Lake/Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.26	LWAK	NOR	Lake Tillery	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.27	OINCLarge	334	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.28	OINCLarge	334	Vermilion River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.29	OINCLarge	334	Colby Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.30	OINCLarge	334	Lake Isabelle	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.30	OINCLarge	463	Blue River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.32	OINCLarge	463	Rock Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.33	OINCLarge	463	Shoal Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.34	OINCLarge	463	Missouri River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.35	OINCLarge	464	Ottawa River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.36	OINCLarge	464	Twin Lakes Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.37	OINCLarge	464	Metzger/Ferguson Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.38	OINCLarge	504	Pennsauken Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.39	OINCLarge	504	Darby Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.40	OINCLarge	504	Cooper River Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.41	OINCLarge	504	Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.42	OINCLarge	600	Lake Jackson	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.43	OINCLarge	600	Oyster Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.44	OINCLarge	600	Brazos River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.45	OINCLarge	711	Brechtel Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.46	OINCLarge	711	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.47	OINCLarge	806	Wolf Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.48	OINCLarge	806	Lake George	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.50	OINCLarge	806	Little Calumet River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.51	OINCLarge	806	Grand Calumet River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.52	OINCLarge	915	Genesee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.53	OINCLarge	915	Indigoquit Bay	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.54	OINCLarge	915	Highland Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.55	OINCLarge	A32	Armand Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.56	OINCLarge	A43	Twelvemile Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.57	OINCLarge	A43	Bergholtz Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.57	OINCLarge	A43	Cayuga Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.58	OINCLarge	A43	Niagara River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 5.59	OINCLarge	A50	Carpenters Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.00	OINCLarge	A50	Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.01	OINCLarge	A50	Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.01	OINCLarge	A50	San Jacinto River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.02	OINCLarge	A62	Caney Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.03	OINCLarge	A62	E & W Fork Crystal Cr.	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.04	OINCLarge	A62	Stewarts Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.05	OINCLarge	A62	Lewis Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.05	OINCLarge	B20	Cuyahoga River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.06	OINCLarge	B20	Upper and Lower Shaker Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.07	OINCLarge	B20	Euclid Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.08	OINCLarge	B20	Fairmont Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.09	OINCLarge	HAN	Fabus River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.10	OINCLarge	HAN	Spring Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.10	OINCLarge	HAN	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.11	OINCLarge	KIN	North Fork Holston River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.12	OINCLarge	KIN	Kingsport Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.13	OINCLarge	KIN	South Fork Holston River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.14	OINCLarge	KIN	Reedy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.15	OINCLarge	MCI	Hals Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.15	OINCLarge	MCI	Helicat Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.16	OINCLarge	MCI	Alabama River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.17	OINCLarge	MCI	Tombigbee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.18	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.19	OINCLarge	MID	Sturgeon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.20	OINCLarge	MID	Kawkawin River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.20	OINCLarge	MID	Chippewa River (most inclusive data)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.21	OINCLarge	STG	Bayou Plaquemine	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.22	OINCLarge	STG	Manchac Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.23	OINCLarge	STG	Bayou Fountain	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.24	OINCLarge	STG	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6.25	OINCLarge	340	Sunfish Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Std Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr)	Biotic mortality rate (t/day)	HgD Suspended Biotic solids Kd(L/Kg)
11/6/98 6:26	OINCSmall	340 Proctor Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:27	OINCSmall	340 Fish Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:28	OINCSmall	340 Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:29	OINCSmall	342 Kalamazoo River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:30	OINCSmall	342 East Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:30	OINCSmall	342 Portage Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:31	OINCSmall	342 Portage River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:32	OINCSmall	453 Lake Spivey	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:33	OINCSmall	453 Jester Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:34	OINCSmall	453 Flint River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:35	OINCSmall	468 Wissahickon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:36	OINCSmall	468 Tacony Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:36	OINCSmall	468 Schuykill	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:37	OINCSmall	468 Pickering Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:38	OINCSmall	701 Wabash River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:39	OINCSmall	701 Sugar Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:40	OINCSmall	701 Big Racoon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:41	OINCSmall	704 Garvey Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:41	OINCSmall	704 Logg Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:42	OINCSmall	704 Silver Lake Res.	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:43	OINCSmall	708 Grindle Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:44	OINCSmall	708 Parker Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:45	OINCSmall	708 Tranters Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:46	OINCSmall	725 Passaic River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:47	OINCSmall	725 Silver Lake Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:47	OINCSmall	725 Reservoir No. 2	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:48	OINCSmall	725 Rahway River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:49	OINCSmall	824 Newton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:50	OINCSmall	824 Big Timber Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:51	OINCSmall	824 Darby Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:52	OINCSmall	824 Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:52	OINCSmall	904 Pascagoula River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:53	OINCSmall	904 Escatawpa River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:54	OINCSmall	906 Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:55	OINCSmall	906 Cooperas Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:56	OINCSmall	906 Eliza Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:57	OINCSmall	906 Muscatine Slough	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:58	OINCSmall	A14 New River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:58	OINCSmall	A14 Bayou Conway	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 6:59	OINCSmall	A14 Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:00	OINCSmall	A14 Bayou Lafourche	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:01	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:02	OINCSmall	A26 Carver Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:03	OINCSmall	A26 Dots Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:04	OINCSmall	A31 Nottaway River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:04	OINCSmall	A31 Chowan River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:05	OINCSmall	A31 Nottaway Swamp (a creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:06	OINCSmall	A45 Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:07	OINCSmall	A45 Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:08	OINCSmall	A45 Greens Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:09	OINCSmall	A45 Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:10	OINCSmall	A46 Little Muskingum River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:10	OINCSmall	A46 Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:11	OINCSmall	A46 Middle Island Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:12	OINCSmall	A47 Caney River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:13	OINCSmall	A47 Sand Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:14	OINCSmall	A47 Bar-Dew Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:15	OINCSmall	A47 Lake Hudson	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:16	OINCSmall	A55 Mohawk River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:16	OINCSmall	A55 Acipause Kill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:17	OINCSmall	A55 Stony Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:18	OINCSmall	A55 Waterliet Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:19	OINCSmall	B18 Gulf Intercostal Waterway	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:20	OINCSmall	B18 Bayou La Butte	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:21	OINCSmall	B18 Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:22	OINCSmall	B18 Bayou Manchac	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:22	OINCSmall	B23 Hillbrandt Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:23	OINCSmall	B23 Cow Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:24	OINCSmall	B23 Neches River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:25	OINCSmall	B23 Port Arthur Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:31	OINCSmall	B31 Wassahickon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:32	OINCSmall	B31 Neshaminy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:33	OINCSmall	B31 Peace Valley Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 19:34	OINCSmall	B31 Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:29	OINCSmall	B32 Cedar Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:30	OINCSmall	B32 Cary Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:31	OINCSmall	B32 Goose Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:32	OINCSmall	B37 Arkansas River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:33	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:34	OINCSmall	B37 Yellow Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:35	OINCSmall	B37 Lake Pine Bluff	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:36	OINCSmall	B44 Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:36	OINCSmall	B44 Greens Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:37	OINCSmall	B44 Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:38	OINCSmall	B44 Hunting Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:39	OINCSmall	TOO Rush Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:40	OINCSmall	TOO Box Elder Wash	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Std Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g[solids]/m2-yr)	Biotic mortality rate (/day)	Hg0 Suspended Biotic solids Kd(L/kg)
11/6/98 7:41	OINCSmall	Blue Lakes	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 7:42	OINCSmall	Soldier Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/kg)	MHg Suspended Biotic solids Kd(L/kg)	Notill Soil base reduction (day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)
11/6/98 3:59	CINC 209	Lawsons Fork Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:00	CINC 209	Tyger River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:01	CINC 209	Fair Forest Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:01	CINC 209	Middle Tyger River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:02	CINC 214	Fish Ponds	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:03	CINC 214	Lake Clause	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:04	CINC 214	University Lake/ City Park Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:04	CINC 214	Comite River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:05	CINC 221	Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:06	CINC 221	Sheldon Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:07	CINC 221	San Jacinto River / Houston Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:07	CINC 324	Shades Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:08	CINC 324	Valley Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:09	CINC 324	Bayview Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:10	CINC 324	Cahaba River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:10	CINC 325	Big Hill Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:11	CINC 325	Potato Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:12	CINC 325	Claymore Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:13	CINC 325	Verdigris River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:14	CINC 331	Rocky River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:14	CINC 331	East Branch Black River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:15	CINC 331	Wyleswood Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:16	CINC 331	Baldwin Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:17	CINC 359	Kentucky River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:17	CINC 359	Indian Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:18	CINC 359	Indian Kentucky Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:19	CINC 359	Ohio River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:20	CINC A15	Tonawanda Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:20	CINC A15	Murder Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:21	CINC A15	Ellicott Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:22	CINC A18	Taylor Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:23	CINC A18	Hillebrandt Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:23	CINC A18	Viterbo Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:24	CINC CAL	Tennessee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:25	CINC CAL	Kentucky Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:26	CINC CAL	Barkley Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:26	CINC CAL	Cumberland River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:27	CINC ELD	Flat Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:28	CINC ELD	Salt Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:29	CINC ELD	Calion Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:29	CINC ELD	Ouachita River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:30	CINC SAU	Horseshoe Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:31	CINC SAU	Old Cahokia Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:32	CINC SAU	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:33	CK 202	Elk City Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:34	CK 202	Montgomery County State Park Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:35	CK 202	Verdigris River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:36	CK 203	Catalpa Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:36	CK 203	Gilmer Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:37	CK 203	N. Branch Magawah Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:38	CK 203	Shotsbag Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:39	CK 204	Bay Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:40	CK 204	Little Calumet Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:40	CK 204	Upper and Lower Swan Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:41	CK 204	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:42	CK 302	Maumee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:43	CK 302	Auglaize River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:43	CK 302	Six Mile Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:44	CK 304	Big Walnut Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:45	CK 304	Glenn Flint Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:46	CK 304	Deer Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:47	CK 320	Mud Devils Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:47	CK 320	Thunder Bay River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:48	CK 320	Long Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:49	CK 321	Black Warrior River (most inclusive data)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:50	CK 321	Powell Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:50	CK 321	Lake Demopolis	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:51	CK 321	Lake Henry	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:52	CK BAT	Monocacy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:53	CK BAT	Lehigh River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:54	CK CHA	Allen Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:54	CK CHA	Sante Fe Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:55	CK CHA	Neosho River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:56	CK FOR	Walnut Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:57	CK FOR	West Flat Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:58	CK FOR	Hamilton Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:58	CK FRE	Salt Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 4:59	CK FRE	Verdigris River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:00	CK FRE	Fall River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:01	CK HAR	Indian Field Swamp	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:02	CK HAR	Walnut Branch	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:02	CK HAR	Huttos Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:03	CK HOL	Huttos Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:04	CK HOL	Lake Merkel	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:05	CK TEX	Armstrong Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:06	CK TEX	Massay Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:06	CK TEX	Mountain Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/Kg)	MHg Suspended Biotic solids Kd(L/Kg)	Notill Soil base reduction (day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)	
11/6/98 5:07	CK	TEX	Waxahachie Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:08	CK	WAM	Connoquenessing Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:09	CK	WAM	Hereford Manor Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:10	CK	WAM	Beaver River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:10	CK	WAM	Slippery Rock Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:12	LWAK	ARV	James River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:13	LWAK	ARV	Sports Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:14	LWAK	ARV	Holman Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:14	LWAK	ARV	Rivanna River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:15	LWAK	BRO	Bluelick Creek (includes Clear Run)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:16	LWAK	BRO	McNeely Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:17	LWAK	BRO	Silver Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:18	LWAK	BRO	Salt River (includes Floyd's Fork)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:18	LWAK	CAS	Cascade Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:19	LWAK	CAS	Smith River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:20	LWAK	CAS	Dan River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:21	LWAK	COH	Troy Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:22	LWAK	COH	Hudson River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:22	LWAK	COH	Mohawk River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:23	LWAK	COH	Tomahannock Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:25	LWAK	NOR	Long Lake/Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:26	LWAK	NOR	Lake Tillery	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:27	OINCLarge	334	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:28	OINCLarge	334	Vermilion River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:29	OINCLarge	334	Colby Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:30	OINCLarge	334	Lake Isabelle	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:30	OINCLarge	463	Blue River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:32	OINCLarge	463	Rock Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:33	OINCLarge	463	Shoal Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:34	OINCLarge	463	Missouri River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:35	OINCLarge	464	Ottawa River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:36	OINCLarge	464	Twin Lakes Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:37	OINCLarge	464	Metzger/Ferguson Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:38	OINCLarge	504	Pennsauken Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:39	OINCLarge	504	Darby Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:40	OINCLarge	504	Cooper River Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:41	OINCLarge	504	Schuykill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:42	OINCLarge	600	Lake Jackson	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:43	OINCLarge	600	Oyster Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:44	OINCLarge	600	Brazos River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:45	OINCLarge	711	Brechtel Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:46	OINCLarge	711	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:47	OINCLarge	806	Wolf Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:48	OINCLarge	806	Lake George	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:50	OINCLarge	806	Little Calumet River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:51	OINCLarge	806	Grand Calumet River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:52	OINCLarge	915	Genesee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:53	OINCLarge	915	Iroquois Bay	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:54	OINCLarge	915	Highland Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:55	OINCLarge	A32	Armand Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:56	OINCLarge	A43	Twelvemile Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:57	OINCLarge	A43	Bergholtz Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:57	OINCLarge	A43	Cayuga Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:58	OINCLarge	A43	Niagara River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 5:59	OINCLarge	A50	Carpenters Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:00	OINCLarge	A50	Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:01	OINCLarge	A50	Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:01	OINCLarge	A50	San Jacinto River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:02	OINCLarge	A62	Caney Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:03	OINCLarge	A62	E & W Fork Crystal Cr.	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:04	OINCLarge	A62	Stewarts Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:05	OINCLarge	A62	Lewis Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:05	OINCLarge	B20	Cuyahoga River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:06	OINCLarge	B20	Upper and Lower Shaker Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:07	OINCLarge	B20	Euclid Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:08	OINCLarge	B20	Fairmont Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:09	OINCLarge	HAN	Fabus River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:10	OINCLarge	HAN	Spring Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:10	OINCLarge	HAN	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:11	OINCLarge	KIN	North Fork Holston River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:12	OINCLarge	KIN	Kingsport Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:13	OINCLarge	KIN	South Fork Holston River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:14	OINCLarge	KIN	Reedy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:15	OINCLarge	MCI	Hals Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:15	OINCLarge	MCI	Helicat Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:16	OINCLarge	MCI	Alabama River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:17	OINCLarge	MCI	Tombigbee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:18	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:19	OINCLarge	MID	Sturgeon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:20	OINCLarge	MID	Kankawlin River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:20	OINCLarge	MID	Chippewa River (most inclusive data)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:21	OINCLarge	STG	Bayou Plaquemine	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:22	OINCLarge	STG	Manchac Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:23	OINCLarge	STG	Bayou Fountain	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:24	OINCLarge	STG	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:25	OINCLarge	340	Sunfish Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/Kg)	MHg Suspended Biotic solids Kd(L/Kg)	Notill Soil base reduction (day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)
11/6/98 6:26	OINCSmall 340	Proctor Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:27	OINCSmall 340	Fish Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:28	OINCSmall 340	Ohio River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:29	OINCSmall 342	Kalamazoo River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:30	OINCSmall 342	East Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:30	OINCSmall 342	Portage Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:31	OINCSmall 342	Portage River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:32	OINCSmall 453	Lake Spivey	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:33	OINCSmall 453	Jester Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:34	OINCSmall 453	Flint River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:36	OINCSmall 468	Tacony Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:36	OINCSmall 468	Schuykill	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:38	OINCSmall 701	Wabash River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:39	OINCSmall 701	Sugar Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:40	OINCSmall 701	Big Racoon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:41	OINCSmall 704	Logg Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:43	OINCSmall 708	Grindle Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:44	OINCSmall 708	Parker Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:45	OINCSmall 708	Tranters Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:46	OINCSmall 725	Passaic River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:48	OINCSmall 725	Rahway River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:49	OINCSmall 824	Newton Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:50	OINCSmall 824	Big Timber Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:51	OINCSmall 824	Darby Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:52	OINCSmall 824	Schuykill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:52	OINCSmall 904	Pascagoula River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:53	OINCSmall 904	Escatawpa River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:54	OINCSmall 906	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:55	OINCSmall 906	Coopers Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:56	OINCSmall 906	Eliza Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:57	OINCSmall 906	Muscotine Slough	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:58	OINCSmall A14	New River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:58	OINCSmall A14	Bayou Conway	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 6:59	OINCSmall A14	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:01	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:02	OINCSmall A26	Cats Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:03	OINCSmall A26	Dot Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:04	OINCSmall A31	Nottaway River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:04	OINCSmall A31	Chowan River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:08	OINCSmall A45	Greens Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:10	OINCSmall A46	Little Muskingum River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:10	OINCSmall A46	Ohio River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:11	OINCSmall A46	Middle Island Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:12	OINCSmall A47	Caney River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:13	OINCSmall A47	Sand Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:15	OINCSmall A47	Lake Hudson	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:16	OINCSmall A55	Mohawk River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:16	OINCSmall A55	Acipause Kill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:18	OINCSmall A55	Waterliet Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:19	OINCSmall B18	Gulf Intercostal Waterway	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:20	OINCSmall B18	Bayou La Butte	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:21	OINCSmall B18	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:22	OINCSmall B18	Bayou Manchac	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:22	OINCSmall B23	Hilbrandt Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:23	OINCSmall B23	Cow Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:24	OINCSmall B23	Neches River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 19:34	OINCSmall B31	Schuykill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:29	OINCSmall B32	Cedar Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:30	OINCSmall B32	Cary Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:31	OINCSmall B32	Goose Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:32	OINCSmall B37	Arkansas River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:33	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:34	OINCSmall B37	Yellow Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:35	OINCSmall B37	Lake Pine Bluff	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:36	OINCSmall B44	Sheldon Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:36	OINCSmall B44	Greens Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:37	OINCSmall B44	Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:38	OINCSmall B44	Hunting Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:39	OINCSmall B44	Rush Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:40	OINCSmall TOO	Box Elder Wash	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/kg)	MHg Suspended Biotic solids Kd(L/kg)	Notill Soil base reduction (t/day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 7:42	OINCSmall TOC	Soldier Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Std Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant
11/6/98 3:59	CINC 209	Lawsons Fork Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:00	CINC 209	Tyger River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:01	CINC 209	Fair Forest Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:01	CINC 209	Middle Tyger River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:02	CINC 214	Fish Ponds	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:03	CINC 214	Lake Clause	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:04	CINC 214	University Lake/ City Park Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:04	CINC 214	Comite River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:05	CINC 221	Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:06	CINC 221	Sheldon Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:07	CINC 221	San Jacinto River / Houston Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:07	CINC 324	Shades Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:08	CINC 324	Valley Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:09	CINC 324	Bayview Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:10	CINC 324	Cahaba River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:10	CINC 325	Big Hill Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:11	CINC 325	Potato Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:12	CINC 325	Claymore Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:13	CINC 325	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:14	CINC 331	Rocky River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:14	CINC 331	East Branch Black River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:15	CINC 331	Wyleswood Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:16	CINC 331	Baldwin Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:17	CINC 359	Kentucky River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:17	CINC 359	Indian Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:18	CINC 359	Indian Kentuck Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:19	CINC 359	Ohio River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:20	CINC A15	Tonawanda Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:20	CINC A15	Murder Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:21	CINC A15	Ellicott Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:22	CINC A18	Taylor Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:23	CINC A18	Hillebrandt Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:23	CINC A18	Viterbo Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:24	CINC CAL	Tennessee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:25	CINC CAL	Kentucky Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:26	CINC CAL	Barkley Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:26	CINC CAL	Cumberland River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:27	CINC ELD	Flat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:28	CINC ELD	Salt Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:29	CINC ELD	Callon Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:29	CINC ELD	Ouachita River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:30	CINC SAU	Horseshoe Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:31	CINC SAU	Old Cahokia Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:32	CINC SAU	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:33	CK 202	Elk City Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:34	CK 202	Montgomery County State Park Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:35	CK 202	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:36	CK 203	Catalpa Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:36	CK 203	Gilmer Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:37	CK 203	N. Branch Magowah Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:38	CK 203	Shotbag Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:39	CK 204	Bay Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:40	CK 204	Little Calumet Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:40	CK 204	Upper and Lower Swan Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:41	CK 204	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:42	CK 302	Maumee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:43	CK 302	Auglaize River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:43	CK 302	Six Mile Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:44	CK 304	Big Walnut Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:45	CK 304	Glenn Flint Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:46	CK 304	Deer Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:47	CK 320	Mud Devils Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:47	CK 320	Thunder Bay River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:48	CK 320	Long Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:49	CK 321	Black Warrior River (most inclusive data)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:50	CK 321	Powell Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:50	CK 321	Lake Demopolis	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:51	CK 321	Lake Henry	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:52	CK BAT	Monocacy Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:53	CK BAT	Lehigh River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:54	CK CHA	Allen Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:54	CK CHA	Sante Fe Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:55	CK CHA	Neosho River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:56	CK FOR	Walnut Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:57	CK FOR	West Flat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:58	CK FOR	Hamilton Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 4:58	CK FRE	Salt Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 4:59	CK FRE	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5:00	CK FRE	Fall River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5:01	CK HAR	Indiana Field Swamp	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5:02	CK HAR	Walnut Branch	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5:02	CK HAR	Huttos Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5:03	CK HOL	Huttos Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5:04	CK HOL	Lake Merkel	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5:05	CK TEX	Armstrong Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5:06	CK TEX	Massay Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5:06	CK TEX	Mountain Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant
11/6/98 5.07	CK	TEX Waxahachie Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.08	CK	WAM Connoquenessing Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.09	CK	WAM Hereford Manor Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.10	CK	WAM Beaver River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.10	CK	WAM Slippery Rock Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.12	LWAK	ARV James River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.13	LWAK	ARV Sports Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.14	LWAK	ARV Holman Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.14	LWAK	ARV Rivanna River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.15	LWAK	BRO Bluelick Creek (includes Clear Run)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.16	LWAK	BRO McNeely Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.17	LWAK	BRO Silver Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.18	LWAK	BRO Salt River (includes Floyd's Fork)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.18	LWAK	CAS Cascade Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.19	LWAK	CAS Smith River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.20	LWAK	CAS Dan River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.21	LWAK	COH Troy Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.22	LWAK	COH Hudson River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.22	LWAK	COH Mohawk River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.23	LWAK	COH Tomahannock Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.24	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.25	LWAK	NOR Long Lake/Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.26	LWAK	NOR Lake Tillery	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.27	OINCLarge	334 Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.28	OINCLarge	334 Vermillion River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.29	OINCLarge	334 Colby Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.30	OINCLarge	334 Lake Isabelle	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.30	OINCLarge	463 Blue River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.32	OINCLarge	463 Rock Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.33	OINCLarge	463 Shoal Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.34	OINCLarge	463 Missouri River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.35	OINCLarge	464 Ottowa River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.36	OINCLarge	464 Twin Lakes Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.37	OINCLarge	464 Metzger/Ferguson Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.38	OINCLarge	504 Pennsauken Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.39	OINCLarge	504 Darby Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.40	OINCLarge	504 Cooper River Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.41	OINCLarge	504 Schuylkill River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.42	OINCLarge	600 Lake Jackson	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.43	OINCLarge	600 Oyster Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.44	OINCLarge	600 Brazos River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.45	OINCLarge	711 Brechtel Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.46	OINCLarge	711 Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.47	OINCLarge	806 Wolf Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.48	OINCLarge	806 Lake George	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.50	OINCLarge	806 Little Calumet River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.51	OINCLarge	806 Grand Calumet River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.52	OINCLarge	915 Genesee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.53	OINCLarge	915 Irondequoit Bay	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.54	OINCLarge	915 Highland Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 5.55	OINCLarge	A32 Armand Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.56	OINCLarge	A43 Twelvemile Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.57	OINCLarge	A43 Bergholtz Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.57	OINCLarge	A43 Cayuga Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.58	OINCLarge	A43 Niagara River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 5.59	OINCLarge	A50 Carpenters Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.00	OINCLarge	A50 Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.01	OINCLarge	A50 Buffalo Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.01	OINCLarge	A50 San Jacinto River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.02	OINCLarge	A62 Caney Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.03	OINCLarge	A62 E & W Fork Crystal Cr.	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.04	OINCLarge	A62 Stewarts Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.05	OINCLarge	A62 Lewis Creek Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.05	OINCLarge	B20 Cuyahoga River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.06	OINCLarge	B20 Upper and Lower Shaker Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.07	OINCLarge	B20 Euclid Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.08	OINCLarge	B20 Fairmont Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.09	OINCLarge	HAN Fabus River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.10	OINCLarge	HAN Spring Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.10	OINCLarge	HAN Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.11	OINCLarge	KIN North Fork Holston River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.12	OINCLarge	KIN Kingsport Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.13	OINCLarge	KIN South Fork Holston River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.14	OINCLarge	KIN Ready Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.15	OINCLarge	MCI Hals Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.15	OINCLarge	MCI Helicat Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6.16	OINCLarge	MCI Alabama River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.17	OINCLarge	MCI Tombigbee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.18	OINCLarge	MID Tittabawassee River (plus Sanford Lake)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.19	OINCLarge	MID Sturgeon Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.20	OINCLarge	MID Kawkawlin River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.20	OINCLarge	MID Chippewa River (most inclusive data)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.21	OINCLarge	STG Bayou Plaquemine	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.22	OINCLarge	STG Manchac Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.23	OINCLarge	STG Bayou Fountain	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.24	OINCLarge	STG Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6.25	OINCSmall	340 Sunfish Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

US EPA ARCHIVE DOCUMENT

Inputs Used for Std Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant
11/6/98 6:26	OINCSmall 340	Proctor Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:27	OINCSmall 340	Fish Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:28	OINCSmall 340	Ohio River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:29	OINCSmall 342	Kalamazoo River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:30	OINCSmall 342	East Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:30	OINCSmall 342	Portage Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:31	OINCSmall 342	Portage River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:32	OINCSmall 453	Lake Spivey	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:33	OINCSmall 453	Jester Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:34	OINCSmall 453	Flint River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:36	OINCSmall 468	Tacony Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:36	OINCSmall 468	Schuykill	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:38	OINCSmall 701	Wabash River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:39	OINCSmall 701	Sugar Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:40	OINCSmall 701	Big Racoon Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:41	OINCSmall 704	Logg Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:43	OINCSmall 708	Grindle Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:44	OINCSmall 708	Parker Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:45	OINCSmall 708	Tranters Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:46	OINCSmall 725	Passaic River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:48	OINCSmall 725	Rahway River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:49	OINCSmall 824	Newton Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 6:50	OINCSmall 824	Big Timber Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:51	OINCSmall 824	Darby Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:52	OINCSmall 824	Schuykill River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:52	OINCSmall 904	Pascagoula River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:53	OINCSmall 904	Escatwapa River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:54	OINCSmall 906	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:55	OINCSmall 906	Coopers Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:56	OINCSmall 906	Eliza Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:57	OINCSmall 906	Muscataine Slough	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:58	OINCSmall A14	New River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:58	OINCSmall A14	Bayou Conway	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 6:59	OINCSmall A14	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:01	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:02	OINCSmall A26	Canter Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:03	OINCSmall A26	Dota Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:04	OINCSmall A31	Nottaway River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:04	OINCSmall A31	Chowan River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:08	OINCSmall A45	Greens Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:10	OINCSmall A46	Little Muskingum River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:10	OINCSmall A46	Ohio River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:11	OINCSmall A46	Middle Island Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:12	OINCSmall A47	Caney River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:13	OINCSmall A47	Sand Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:15	OINCSmall A47	Lake Hudson	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:16	OINCSmall A55	Mohawk River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:16	OINCSmall A55	Acipause Kill River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:18	OINCSmall A55	Waterlief Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:19	OINCSmall B18	Gulf Intercoastal Waterway	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:20	OINCSmall B18	Bayou La Butte	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:21	OINCSmall B18	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:22	OINCSmall B18	Bayou Manchac	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:22	OINCSmall B23	Hilbrandt Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:23	OINCSmall B23	Cow Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:24	OINCSmall B23	Neches River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 19:34	OINCSmall B31	Schuykill River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:29	OINCSmall B32	Cedar Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:30	OINCSmall B32	Cary Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:31	OINCSmall B32	Goose Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:32	OINCSmall B37	Arkansas River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:33	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:34	OINCSmall B37	Yellow Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:35	OINCSmall B44	Lake Pine Bluff	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:36	OINCSmall B44	Sheldon Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:36	OINCSmall B44	Greens Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:37	OINCSmall B44	Buffalo Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:38	OINCSmall B44	Hunting Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 7:39	OINCSmall TOO	Rush Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:40	OINCSmall TOO	Box Elder Wash	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant
11/6/98 7:41	OINCSmall TOC	Blue Lakes	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 7:42	OINCSmall TOC	Soldier Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 3:59	CINC 209	Lawsons Fork Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:00	CINC 209	Tyger River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:01	CINC 209	Fair Forest Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:01	CINC 209	Middle Tyger River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:02	CINC 214	Fish Ponds	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:03	CINC 214	Lake Clause	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:04	CINC 214	University Lake/ City Park Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:04	CINC 214	Comite River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:05	CINC 221	Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:06	CINC 221	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:07	CINC 221	San Jacinto River / Houston Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:07	CINC 324	Shades Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:08	CINC 324	Valley Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:09	CINC 324	Bayview Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:10	CINC 324	Cahaba River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:10	CINC 325	Big Hill Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:11	CINC 325	Potato Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:12	CINC 325	Claymore Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:13	CINC 325	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:14	CINC 331	Rocky River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:14	CINC 331	East Branch Black River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:15	CINC 331	Wyleswood Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:16	CINC 331	Baldwin Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:17	CINC 359	Kentucky River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:17	CINC 359	Indian Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:18	CINC 359	Indian Kentucky Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:19	CINC 359	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:20	CINC A15	Tonawanda Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:20	CINC A15	Murder Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:21	CINC A15	Ellicott Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:22	CINC A18	Taylor Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:23	CINC A18	Hillebrandt Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:23	CINC A18	Viterbo Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:24	CINC CAL	Tennessee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:25	CINC CAL	Kentucky Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:26	CINC CAL	Barkley Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:26	CINC CAL	Cumberland River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:27	CINC ELD	Flat Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:28	CINC ELD	Salt Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:29	CINC ELD	Calton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:29	CINC ELD	Ouachita River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:30	CINC SAU	Horseshoe Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:31	CINC SAU	Old Cahokia Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:32	CINC SAU	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:33	CK 202	Elk City Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:34	CK 202	Montgomery County State Park Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:35	CK 202	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:36	CK 203	Catalpa Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:36	CK 203	Gilmer Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:37	CK 203	N. Branch Magowah Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:38	CK 203	Shotbag Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:39	CK 204	Bay Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:40	CK 204	Little Calumet Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:40	CK 204	Upper and Lower Swan Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:41	CK 204	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:42	CK 302	Maumee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:43	CK 302	Auglaize River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:43	CK 302	Six Mile Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:44	CK 304	Big Walnut Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:45	CK 304	Glenn Flint Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:46	CK 304	Deer Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:47	CK 320	Mud Devils Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:47	CK 320	Thunder Bay River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:48	CK 320	Long Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:49	CK 321	Black Warrior River (most inclusive data)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:50	CK 321	Powell Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:50	CK 321	Lake Demopolis	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:51	CK 321	Lake Henry	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:52	CK BAT	Monocacy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:53	CK BAT	Lehigh River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:54	CK CHA	Allen Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:54	CK CHA	Sante Fe Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:55	CK CHA	Neosho River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:56	CK FOR	Walnut Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:57	CK FOR	West Flat Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:58	CK FOR	Hamilton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 4:58	CK FRE	Salt Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 4:59	CK FRE	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:00	CK FRE	Fall River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:01	CK HAR	Indian Field Swamp	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:02	CK HAR	Walnut Branch	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:02	CK HAR	Huttos Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:03	CK HOL	Huttos Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:04	CK HOL	Lake Merkel	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:05	CK TEX	Armstrong Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:06	CK TEX	Massey Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:06	CK TEX	Mountain Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Std Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 5:07	CK	TEX Waxahachie Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:08	CK	WAM Connoquenessing Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:09	CK	WAM Hereford Manor Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:10	CK	WAM Beaver River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:10	CK	WAM Slippery Rock Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:12	LWAK	ARV James River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:13	LWAK	ARV Sports Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:14	LWAK	ARV Holman Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:14	LWAK	ARV Rivanna River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:15	LWAK	BRO Bluelick Creek (includes Clear Run)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:16	LWAK	BRO McNeely Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:17	LWAK	BRO Silver Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:18	LWAK	BRO Salt River (includes Floyd's Fork)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:18	LWAK	CAS Cascade Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:19	LWAK	CAS Smith River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:20	LWAK	CAS Dan River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:21	LWAK	COH Troy Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:22	LWAK	COH Hudson River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:22	LWAK	COH Mohawk River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:23	LWAK	COH Tomahannock Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:24	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:25	LWAK	NOR Long Lake/Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:26	LWAK	NOR Lake Tilley	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:27	ONCLarge	334 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:28	ONCLarge	334 Vermillion River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:29	ONCLarge	334 Colby Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:30	ONCLarge	334 Lake Isabelle	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:30	ONCLarge	463 Blue River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:32	ONCLarge	463 Rock Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:33	ONCLarge	463 Shoal Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:34	ONCLarge	463 Missouri River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:35	ONCLarge	464 Ottowa River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:36	ONCLarge	464 Twin Lakes Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:37	ONCLarge	464 Metzger/Ferguson Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:38	ONCLarge	504 Pennsauken Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:39	ONCLarge	504 Darby Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:40	ONCLarge	504 Cooper River Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:41	ONCLarge	504 Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:42	ONCLarge	600 Lake Jackson	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:43	ONCLarge	600 Oyster Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:44	ONCLarge	600 Brazos River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:45	ONCLarge	711 Brechtel Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:46	ONCLarge	711 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:47	ONCLarge	806 Wolf Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:48	ONCLarge	806 Lake George	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:50	ONCLarge	806 Little Calumet River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:51	ONCLarge	806 Grand Calumet River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:52	ONCLarge	915 Genesee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:53	ONCLarge	915 Irondequoit Bay	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:54	ONCLarge	915 Highland Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 5:55	ONCLarge	A32 Armand Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:56	ONCLarge	A43 Twelvemile Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:57	ONCLarge	A43 Bergholtz Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:57	ONCLarge	A43 Cayuga Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:58	ONCLarge	A43 Niagara River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 5:59	ONCLarge	A50 Carpenters Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:00	ONCLarge	A50 Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:01	ONCLarge	A50 Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:01	ONCLarge	A50 San Jacinto River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:02	ONCLarge	A62 Caney Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:03	ONCLarge	A62 E & W Fork Crystal Cr.	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:04	ONCLarge	A62 Stewarts Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:05	ONCLarge	A62 Lewis Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:05	ONCLarge	B20 Cuyahoga River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:06	ONCLarge	B20 Upper and Lower Shaker Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:07	ONCLarge	B20 Euclid Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:08	ONCLarge	B20 Fairmont Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:09	ONCLarge	HAN Fabus River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:10	ONCLarge	HAN Spring Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:10	ONCLarge	HAN Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:11	ONCLarge	KIN North Fork Holston River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:12	ONCLarge	KIN Kingsport Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:13	ONCLarge	KIN South Fork Holston River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:14	ONCLarge	KIN Reedy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:15	ONCLarge	MCI Halk Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:15	ONCLarge	MCI Helicat Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:16	ONCLarge	MCI Alabama River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:17	ONCLarge	MCI Tombigbee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:18	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:19	ONCLarge	MID Sturgeon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:20	ONCLarge	MID Kawkawin River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:20	ONCLarge	MID Chippewa River (most inclusive data)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:21	ONCLarge	STG Bayou Plaquemine	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:22	ONCLarge	STG Manchac Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:23	ONCLarge	STG Bayou Fountain	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:24	ONCLarge	STG Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:25	ONCSmall	340 Sunfish Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Std Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 6:26	OINCSmall 340	Proctor Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:27	OINCSmall 340	Fish Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:28	OINCSmall 340	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:29	OINCSmall 342	Kalamazoo River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:30	OINCSmall 342	East Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:30	OINCSmall 342	Portage Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:31	OINCSmall 342	Portage River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:32	OINCSmall 453	Lake Spivey	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:33	OINCSmall 453	Jester Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:34	OINCSmall 453	Flint River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:36	OINCSmall 468	Tacony Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:36	OINCSmall 468	Schuykill	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:38	OINCSmall 701	Wabash River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:39	OINCSmall 701	Sugar Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:40	OINCSmall 701	Big Racoon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:41	OINCSmall 704	Logg Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:43	OINCSmall 708	Grindle Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:44	OINCSmall 708	Parker Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:45	OINCSmall 708	Tranters Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:46	OINCSmall 725	Pascassic River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:48	OINCSmall 725	Rahway River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:49	OINCSmall 824	Newton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 6:50	OINCSmall 824	Big Timber Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:51	OINCSmall 824	Darby Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:52	OINCSmall 824	Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:52	OINCSmall 904	Pascagoula River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:53	OINCSmall 904	Escatawpa River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:54	OINCSmall 906	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:55	OINCSmall 906	Cooperas Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:56	OINCSmall 906	Eliza Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:57	OINCSmall 906	Muscataine Slough	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:58	OINCSmall A14	New River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:58	OINCSmall A14	Bayou Conway	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 6:59	OINCSmall A14	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:01	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:02	OINCSmall A26	Carter Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:03	OINCSmall A26	Dota Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:04	OINCSmall A31	Nottaway River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:04	OINCSmall A31	Chowan River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:08	OINCSmall A45	Greens Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:10	OINCSmall A46	Little Muskingum River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:10	OINCSmall A46	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:11	OINCSmall A46	Middle Island Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:12	OINCSmall A47	Caney River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:13	OINCSmall A47	Sand Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:15	OINCSmall A47	Lake Hudson	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:16	OINCSmall A55	Mohawk River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:16	OINCSmall A55	Acplause Kill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:18	OINCSmall A55	Waterliet Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:19	OINCSmall B18	Gulf Intercostal Waterway	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:20	OINCSmall B18	Bayou La Butte	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:21	OINCSmall B18	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:22	OINCSmall B18	Bayou Manchac	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:22	OINCSmall B23	Hilbrandt Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:23	OINCSmall B23	Cow Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:24	OINCSmall B23	Neches River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19:34	OINCSmall B31	Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:29	OINCSmall B32	Cedar Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:30	OINCSmall B32	Cary Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:31	OINCSmall B32	Goose Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:32	OINCSmall B37	Arkansas River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:33	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:34	OINCSmall B37	Yellow Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:35	OINCSmall B37	Lake Pine Bluff	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:36	OINCSmall B44	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:36	OINCSmall B44	Greens Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:37	OINCSmall B44	Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:38	OINCSmall B44	Hunting Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 7:39	OINCSmall TOO	Rush Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:40	OINCSmall TOO	Box Elder Wash	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Std Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 7:41	OINCSmall TOC	Blue Lakes	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 7:42	OINCSmall TOC	Soldier Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Std Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)
11/6/98 3:59	CINC 209	Lawsons Fork Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.55E-14	3.01E-11	1.15E-09
11/6/98 4:00	CINC 209	Tyger River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.70E-14	7.96E-11	2.74E-09
11/6/98 4:01	CINC 209	Fair Forest Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.97E-14	4.51E-11	2.34E-09
11/6/98 4:01	CINC 209	Middle Tyger River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.66E-14	5.40E-11	1.62E-09
11/6/98 4:02	CINC 214	Fish Ponds	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.93E-13	1.86E-09	3.74E-08
11/6/98 4:03	CINC 214	Lake Clause	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.56E-13	3.97E-09	9.45E-08
11/6/98 4:04	CINC 214	University Lake/ City Park Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.71E-13	1.37E-09	4.44E-08
11/6/98 4:04	CINC 214	Comite River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.39E-13	1.86E-09	4.54E-08
11/6/98 4:05	CINC 221	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.04E-11	2.93E-08	1.67E-08
11/6/98 4:06	CINC 221	Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.60E-11	3.05E-08	4.20E-08
11/6/98 4:07	CINC 221	San Jacinto River / Houston Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.72E-11	4.52E-08	4.41E-08
11/6/98 4:07	CINC 324	Shades Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.07E-13	3.17E-10	2.48E-08
11/6/98 4:08	CINC 324	Valley Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.10E-13	7.31E-10	1.08E-07
11/6/98 4:09	CINC 324	Bayview Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.61E-13	1.08E-09	1.20E-07
11/6/98 4:10	CINC 324	Cahaba River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.86E-14	2.19E-10	1.16E-08
11/6/98 4:10	CINC 325	Big Hill Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.07E-11	6.24E-10	4.77E-06
11/6/98 4:11	CINC 325	Potato Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.92E-11	6.75E-10	8.31E-06
11/6/98 4:12	CINC 325	Claymore Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.06E-11	3.26E-09	1.55E-05
11/6/98 4:13	CINC 325	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.53E-12	3.71E-10	1.59E-06
11/6/98 4:14	CINC 331	Rocky River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.40E-13	1.37E-09	6.21E-08
11/6/98 4:14	CINC 331	East Branch Black River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.75E-13	3.43E-09	2.26E-07
11/6/98 4:15	CINC 331	Wyleswood Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.15E-13	1.86E-09	1.14E-07
11/6/98 4:16	CINC 331	Baldwin Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.16E-13	7.99E-10	2.94E-08
11/6/98 4:17	CINC 359	Kentucky River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.49E-12	3.19E-08	0.00E+00
11/6/98 4:17	CINC 359	Indian Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.89E-12	2.13E-08	0.00E+00
11/6/98 4:18	CINC 359	Indian Kentucky Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.73E-12	1.45E-08	0.00E+00
11/6/98 4:19	CINC 359	Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.41E-12	1.76E-08	0.00E+00
11/6/98 4:20	CINC A15	Tonawanda Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.92E-13	2.21E-10	1.84E-08
11/6/98 4:20	CINC A15	Murder Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.68E-14	1.79E-10	6.84E-09
11/6/98 4:21	CINC A15	Ellicott Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.23E-13	2.12E-10	1.11E-08
11/6/98 4:22	CINC A18	Taylor Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.49E-11	2.24E-07	0.00E+00
11/6/98 4:23	CINC A18	Hillebrandt Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.62E-11	9.10E-08	0.00E+00
11/6/98 4:23	CINC A18	Viterbo Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.64E-11	1.26E-07	0.00E+00
11/6/98 4:24	CINC CAL	Tennessee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.21E-11	5.57E-08	4.17E-08
11/6/98 4:25	CINC CAL	Kentucky Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.70E-11	8.41E-08	8.37E-08
11/6/98 4:26	CINC CAL	Barkley Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.31E-12	3.19E-08	1.94E-08
11/6/98 4:26	CINC CAL	Cumberland River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.24E-11	3.64E-08	4.06E-08
11/6/98 4:27	CINC ELD	Flat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.43E-11	1.09E-07	0.00E+00
11/6/98 4:28	CINC ELD	Salt Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.05E-11	6.37E-08	0.00E+00
11/6/98 4:29	CINC ELD	Calton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.26E-11	2.60E-08	0.00E+00
11/6/98 4:29	CINC ELD	Ouachita River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.14E-11	3.66E-08	0.00E+00
11/6/98 4:30	CINC SAU	Horseshoe Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.53E-13	1.22E-09	4.76E-08
11/6/98 4:31	CINC SAU	Old Catokoke Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.30E-13	2.10E-09	3.50E-08
11/6/98 4:32	CINC SAU	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.82E-13	2.71E-09	1.06E-07
11/6/98 4:33	CK 202	Elk City Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.29E-13	1.12E-09	1.50E-08
11/6/98 4:34	CK 202	Montgomery County State Park Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.63E-13	5.18E-09	1.08E-07
11/6/98 4:35	CK 202	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.17E-13	1.62E-09	5.07E-08
11/6/98 4:36	CK 203	Catalpa Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.81E-12	2.39E-08	3.91E-07
11/6/98 4:36	CK 203	Gilmer Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.35E-12	2.35E-08	4.45E-07
11/6/98 4:37	CK 203	N. Branch Magowah Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.23E-12	2.84E-06	2.84E-06
11/6/98 4:38	CK 203	Shotbag Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.12E-12	2.75E-08	5.43E-07
11/6/98 4:39	CK 204	Bay Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.10E-13	7.49E-09	1.17E-07
11/6/98 4:40	CK 204	Little Calumet Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.05E-13	4.14E-08	3.75E-07
11/6/98 4:40	CK 204	Upper and Lower Swan Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.43E-13	1.94E-08	2.05E-07
11/6/98 4:41	CK 204	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.94E-13	1.76E-08	2.14E-07
11/6/98 4:42	CK 302	Maumee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-12	5.91E-09	2.46E-07
11/6/98 4:43	CK 302	Auglaize River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.52E-12	5.21E-09	3.08E-07
11/6/98 4:43	CK 302	Six Mile Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.39E-12	1.91E-08	1.02E-06
11/6/98 4:44	CK 304	Big Walnut Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.68E-12	2.01E-08	7.20E-06
11/6/98 4:45	CK 304	Glenn Flint Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.29E-12	1.13E-08	3.91E-06
11/6/98 4:46	CK 304	Deer Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.19E-11	1.18E-05	1.18E-05
11/6/98 4:47	CK 320	Mud Davis Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.03E-12	3.76E-08	9.65E-07
11/6/98 4:47	CK 320	Thunder Bay River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.72E-12	4.43E-08	1.10E-06
11/6/98 4:48	CK 320	Long Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.24E-12	3.43E-08	8.74E-07
11/6/98 4:49	CK 321	Black Warrior River (most inclusive data)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.72E-11	5.43E-08	1.61E-05
11/6/98 4:50	CK 321	Powell Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.33E-11	2.84E-08	1.12E-05
11/6/98 4:50	CK 321	Lake Demopolis	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.72E-11	5.43E-08	1.61E-05
11/6/98 4:51	CK 321	Lake Henry	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.63E-11	5.30E-08	1.93E-05
11/6/98 4:52	CK BAT	Monocacy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.90E-12	8.50E-09	4.94E-07
11/6/98 4:53	CK BAT	Lehigh River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.08E-13	4.38E-09	1.85E-07
11/6/98 4:54	CK CHA	Allen Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.48E-11	2.87E-07	7.47E-06
11/6/98 4:54	CK CHA	Sante Fe Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.47E-11	4.14E-07	1.06E-05
11/6/98 4:55	CK CHA	Neosho River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.51E-11	1.51E-07	4.72E-06
11/6/98 4:56	CK FOR	Walnut Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.77E-11	3.06E-07	7.19E-06
11/6/98 4:57	CK FOR	West Flat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.52E-11	1.84E-07	7.74E-06
11/6/98 4:58	CK FOR	Hamilton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.87E-11	4.40E-07	8.89E-06
11/6/98 4:58	CK FRE	Salt Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.86E-12	5.04E-08	2.34E-06
11/6/98 4:59	CK FRE	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.74E-11	7.36E-08	6.31E-06
11/6/98 5:00	CK FRE	Fall River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.07E-11	1.78E-08	1.81E-06
11/6/98 5:01	CK HAR	Indian Field Swamp	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.57E-11	9.56E-08	4.50E-06
11/6/98 5:02	CK HAR	Walnut Branch	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.61E-11	7.51E-08	4.37E-06
11/6/98 5:02	CK HAR	Huttos Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.80E-11	2.76E-07	1.51E-05
11/6/98 5:03	CK HOL	Huttos Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.57E-11	2.92E-08	1.22E-05
11/6/98 5:04	CK HOL	Lake Merkel	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.81E-12	5.34E-09	4.33E-0

Inputs Used for Std Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)	
11/6/98 5.07	CK	TEX	Waxahatchie Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.22E-11	2.30E-09	4.97E-06
11/6/98 5.08	CK	WAM	Cornquenessing Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.15E-11	4.25E-08	1.47E-05
11/6/98 5.09	CK	WAM	Hereford Manor Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.61E-11	2.88E-08	9.80E-06
11/6/98 5.10	CK	WAM	Beaver River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-11	4.73E-08	1.07E-05
11/6/98 5.10	CK	WAM	Slippery Rock Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.22E-11	3.76E-08	1.43E-05
11/6/98 5.12	LWAK	ARV	James River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.09E-13	4.98E-10	5.94E-08
11/6/98 5.13	LWAK	ARV	Sports Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.21E-13	4.18E-10	5.84E-08
11/6/98 5.14	LWAK	ARV	Holman Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.15E-13	6.27E-10	2.15E-07
11/6/98 5.14	LWAK	ARV	Rivanna River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.34E-13	2.17E-10	5.98E-08
11/6/98 5.15	LWAK	BRO	Bluelick Creek (includes Clear Run)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.40E-11	6.44E-08	6.17E-06
11/6/98 5.16	LWAK	BRO	McNeely Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.42E-11	1.80E-08	3.79E-06
11/6/98 5.17	LWAK	BRO	Silver Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.06E-12	8.06E-12	2.23E-06
11/6/98 5.18	LWAK	BRO	Salt River (includes Floyd's Fork)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.34E-12	1.18E-08	1.77E-06
11/6/98 5.18	LWAK	CAS	Cascade Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.93E-12	1.32E-08	1.58E-06
11/6/98 5.19	LWAK	CAS	Smith River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.62E-13	3.13E-09	2.28E-07
11/6/98 5.20	LWAK	CAS	Dan River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.20E-12	3.66E-09	5.70E-07
11/6/98 5.21	LWAK	COH	Troy Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.12E-12	5.64E-09	3.35E-06
11/6/98 5.22	LWAK	COH	Hudson River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.03E-11	1.40E-08	3.85E-06
11/6/98 5.22	LWAK	COH	Mohawk River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.19E-11	1.60E-08	4.64E-06
11/6/98 5.23	LWAK	COH	Tomahannock Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.91E-12	2.57E-09	6.86E-07
11/6/98 5.24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.80E-13	1.20E-09	1.11E-07
11/6/98 5.25	LWAK	NOR	Long Lake/Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.94E-13	6.31E-10	5.96E-08
11/6/98 5.26	LWAK	NOR	Lake Tillery	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.61E-13	4.15E-10	7.42E-08
11/6/98 5.27	OINCLarge	334	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.23E-14	8.33E-14	1.68E-08
11/6/98 5.28	OINCLarge	334	Vermillion River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-14	1.56E-10	7.39E-09
11/6/98 5.29	OINCLarge	334	Colby Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.05E-13	2.04E-10	1.72E-08
11/6/98 5.30	OINCLarge	334	Lake Isabelle	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.51E-13	2.92E-10	3.07E-08
11/6/98 5.30	OINCLarge	463	Blue River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-12	9.79E-09	0.00E+00
11/6/98 5.32	OINCLarge	463	Rock Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.98E-11	3.37E-08	0.00E+00
11/6/98 5.33	OINCLarge	463	Shoat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.76E-12	7.03E-09	0.00E+00
11/6/98 5.34	OINCLarge	463	Missouri River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.91E-12	8.83E-09	0.00E+00
11/6/98 5.35	OINCLarge	464	Ottawa River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.10E-14	8.58E-11	1.92E-09
11/6/98 5.36	OINCLarge	464	Twin Lakes Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.77E-14	1.27E-10	4.39E-09
11/6/98 5.37	OINCLarge	464	Matzger/Ferguson Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.85E-14	1.16E-10	2.58E-09
11/6/98 5.38	OINCLarge	504	Pennsauken Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.15E-12	7.71E-09	0.00E+00
11/6/98 5.39	OINCLarge	504	Darby Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.68E-12	5.94E-08	0.00E+00
11/6/98 5.40	OINCLarge	504	Cooper River Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.18E-12	7.71E-09	0.00E+00
11/6/98 5.41	OINCLarge	504	Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.14E-11	1.13E-08	0.00E+00
11/6/98 5.42	OINCLarge	600	Lake Jackson	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.10E-12	3.30E-10	4.27E-06
11/6/98 5.43	OINCLarge	600	Oyster Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.08E-12	3.30E-10	3.24E-06
11/6/98 5.44	OINCLarge	600	Brazos River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.70E-12	6.16E-10	4.49E-06
11/6/98 5.45	OINCLarge	711	Brechtel Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.47E-13	8.25E-10	2.22E-10
11/6/98 5.46	OINCLarge	711	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.22E-13	1.74E-09	4.63E-10
11/6/98 5.47	OINCLarge	806	Wolf Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.32E-12	4.18E-08	0.00E+00
11/6/98 5.48	OINCLarge	806	Lake George	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.15E-11	4.30E-08	0.00E+00
11/6/98 5.50	OINCLarge	806	Little Calumet River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.49E-12	1.43E-08	0.00E+00
11/6/98 5.51	OINCLarge	806	Grand Calumet River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.36E-11	4.60E-08	0.00E+00
11/6/98 5.52	OINCLarge	915	Genesee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.58E-13	7.39E-09	0.00E+00
11/6/98 5.53	OINCLarge	915	Iroquois Bay	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.45E-12	1.45E-08	0.00E+00
11/6/98 5.54	OINCLarge	915	Highland Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.71E-13	6.48E-09	0.00E+00
11/6/98 5.55	OINCLarge	A32	Armand Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.70E-12	2.50E-08	0.00E+00
11/6/98 5.56	OINCLarge	A43	Twelvemile Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.14E-12	2.21E-08	0.00E+00
11/6/98 5.57	OINCLarge	A43	Bergholtz Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.10E-11	3.44E-08	0.00E+00
11/6/98 5.57	OINCLarge	A43	Cayuga Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.19E-11	6.91E-08	0.00E+00
11/6/98 5.58	OINCLarge	A43	Niagara River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.93E-12	2.78E-08	0.00E+00
11/6/98 5.59	OINCLarge	A50	Carpenters Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.39E-13	3.74E-11	2.26E-07
11/6/98 6.00	OINCLarge	A50	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.73E-13	1.51E-11	1.13E-07
11/6/98 6.01	OINCLarge	A50	Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.71E-13	4.30E-11	2.03E-07
11/6/98 6.01	OINCLarge	A50	San Jacinto River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.51E-13	1.99E-11	1.46E-07
11/6/98 6.02	OINCLarge	A62	Caney Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.98E-12	4.98E-08	0.00E+00
11/6/98 6.03	OINCLarge	A62	E & W Fork Crystal Cr.	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.19E-12	1.61E-07	0.00E+00
11/6/98 6.04	OINCLarge	A62	Stewarts Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.32E-12	5.09E-08	0.00E+00
11/6/98 6.05	OINCLarge	A62	Lewis Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.87E-12	1.41E-08	0.00E+00
11/6/98 6.05	OINCLarge	B20	Cuyahoga River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.99E-12	7.50E-09	0.00E+00
11/6/98 6.06	OINCLarge	B20	Upper and Lower Shaker Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.90E-12	8.95E-09	0.00E+00
11/6/98 6.07	OINCLarge	B20	Euclid Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.30E-12	6.60E-09	0.00E+00
11/6/98 6.08	OINCLarge	B20	Fairmont Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.80E-11	2.64E-08	0.00E+00
11/6/98 6.09	OINCLarge	HAN	Fabus River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.43E-12	6.12E-08	4.08E-08
11/6/98 6.10	OINCLarge	HAN	Spring Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.94E-12	2.01E-08	4.81E-08
11/6/98 6.10	OINCLarge	HAN	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.69E-12	2.29E-08	7.56E-08
11/6/98 6.11	OINCLarge	KIN	North Fork Holston River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.16E-12	6.48E-09	7.18E-09
11/6/98 6.12	OINCLarge	KIN	Kingsport Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.40E-12	7.82E-09	1.60E-08
11/6/98 6.13	OINCLarge	KIN	South Fork Holston River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.44E-12	3.58E-09	3.12E-09
11/6/98 6.14	OINCLarge	KIN	Reedy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.67E-12	6.47E-08	7.85E-09
11/6/98 6.15	OINCLarge	MCI	Hals Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.69E-13	2.06E-09	4.25E-08
11/6/98 6.15	OINCLarge	MCI	Helicat Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.93E-12	1.83E-08	7.50E-07
11/6/98 6.16	OINCLarge	MCI	Alabama River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.24E-13	1.04E-09	2.00E-08
11/6/98 6.17	OINCLarge	MCI	Tombigbee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.84E-13	2.23E-09	6.10E-08
11/6/98 6.18	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.22E-12	2.84E-08	1.48E-08
11/6/98 6.19	OINCLarge	MID	Sturgeon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.76E-12	3.69E-08	7.85E-09
11/6/98 6.20	OINCLarge	MID	Kankawlin River	7.30E-01	0.00E+00	3.00E+01	1.60E+0				

Inputs Used for Std Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)
11/6/98 6:26	OINCSmall 340	Proctor Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.10E-12	9.12E-09	1.02E-08
11/6/98 6:27	OINCSmall 340	Fish Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.48E-12	2.48E-09	4.71E-09
11/6/98 6:28	OINCSmall 340	Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.81E-12	4.56E-09	5.57E-09
11/6/98 6:29	OINCSmall 342	Kalamazoo River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.08E-14	4.42E-11	4.48E-09
11/6/98 6:30	OINCSmall 342	East Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.17E-14	1.73E-11	1.31E-09
11/6/98 6:30	OINCSmall 342	Portage Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.83E-14	5.74E-11	6.89E-09
11/6/98 6:31	OINCSmall 342	Portage River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.40E-14	3.73E-11	2.78E-09
11/6/98 6:32	OINCSmall 453	Lake Spivey	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.18E-12	1.25E-09	3.25E-09
11/6/98 6:33	OINCSmall 453	Jester Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.62E-12	6.78E-09	1.60E-08
11/6/98 6:34	OINCSmall 453	Flint River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.24E-12	3.06E-09	3.56E-09
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.05E-14	8.99E-13	1.80E-08
11/6/98 6:36	OINCSmall 468	Tacony Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.57E-13	1.45E-14	1.25E-08
11/6/98 6:36	OINCSmall 468	Schuykill	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.42E-14	2.21E-12	2.23E-08
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.56E-15	1.38E-12	5.08E-09
11/6/98 6:38	OINCSmall 701	Wabash River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.82E-13	6.93E-11	2.67E-07
11/6/98 6:39	OINCSmall 701	Sugar Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.25E-13	3.59E-11	1.36E-07
11/6/98 6:40	OINCSmall 701	Big Racoon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.42E-13	6.06E-11	2.28E-07
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.37E-12	1.237E-12	9.90E-07
11/6/98 6:41	OINCSmall 704	Logg Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.09E-12	9.96E-11	8.29E-06
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.47E-13	1.98E-11	3.18E-07
11/6/98 6:43	OINCSmall 708	Grindle Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.35E-12	1.31E-10	1.29E-06
11/6/98 6:44	OINCSmall 708	Parker Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.90E-11	8.88E-10	1.11E-05
11/6/98 6:45	OINCSmall 708	Tranters Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.27E-13	5.19E-11	5.00E-07
11/6/98 6:46	OINCSmall 725	Passaic River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.60E-16	2.94E-15	3.63E-11
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.89E-15	1.57E-12	5.63E-10
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.92E-16	1.13E-12	7.20E-11
11/6/98 6:48	OINCSmall 725	Rahway River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-16	1.01E-12	1.84E-11
11/6/98 6:49	OINCSmall 824	Newton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.57E-16	1.40E-12	8.38E-11
11/6/98 6:50	OINCSmall 824	Big Timber Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.97E-16	1.43E-12	4.85E-11
11/6/98 6:51	OINCSmall 824	Darby Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.53E-16	1.23E-13	1.12E-10
11/6/98 6:52	OINCSmall 824	Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.16E-15	9.32E-13	1.05E-10
11/6/98 6:52	OINCSmall 904	Pascagoula River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.76E-13	8.90E-10	1.97E-08
11/6/98 6:53	OINCSmall 904	Escatawpa River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.88E-13	1.08E-09	2.29E-08
11/6/98 6:54	OINCSmall 906	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.03E-12	3.45E-09	0.00E+00
11/6/98 6:55	OINCSmall 906	Cooperas Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.18E-12	1.58E-09	0.00E+00
11/6/98 6:56	OINCSmall 906	Eliza Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.29E-13	1.04E-09	0.00E+00
11/6/98 6:57	OINCSmall 906	Muscotine Slough	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.57E-12	4.39E-09	0.00E+00
11/6/98 6:58	OINCSmall A14	New River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.18E-16	7.56E-14	4.90E-10
11/6/98 6:58	OINCSmall A14	Bayou Conway	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.50E-16	7.32E-14	3.91E-10
11/6/98 6:59	OINCSmall A14	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.09E-16	7.32E-14	3.66E-10
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.63E-14	4.32E-14	1.85E-10
11/6/98 7:01	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.13E-11	1.46E-08	5.09E-09
11/6/98 7:02	OINCSmall A26	Cane Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.65E-13	6.65E-13	0.00E+00
11/6/98 7:03	OINCSmall A26	Dota Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.43E-12	3.48E-09	4.04E-10
11/6/98 7:04	OINCSmall A31	Nottaway River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.71E-13	1.14E-10	5.07E-07
11/6/98 7:04	OINCSmall A31	Chowan River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.65E-13	4.21E-11	3.39E-07
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.22E-12	1.73E-10	1.43E-06
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.73E-13	1.90E-10	1.05E-08
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.69E-14	2.82E-11	1.82E-08
11/6/98 7:08	OINCSmall A45	Greens Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.87E-13	2.28E-10	1.16E-08
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.70E-13	4.63E-10	2.17E-08
11/6/98 7:10	OINCSmall A46	Little Muskingum River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.09E-12	6.89E-09	0.00E+00
11/6/98 7:10	OINCSmall A46	Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.99E-12	1.56E-08	0.00E+00
11/6/98 7:11	OINCSmall A46	Middle Island Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.00E-12	9.75E-09	0.00E+00
11/6/98 7:12	OINCSmall A47	Caney River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-14	4.25E-11	6.01E-11
11/6/98 7:13	OINCSmall A47	Sand Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.09E-14	8.51E-11	1.13E-10
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.61E-14	7.76E-11	1.72E-10
11/6/98 7:15	OINCSmall A47	Lake Hudson	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.80E-14	6.34E-11	1.04E-10
11/6/98 7:16	OINCSmall A55	Mohawk River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.68E-14	8.33E-11	1.01E-10
11/6/98 7:16	OINCSmall A55	Acplause Kill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.33E-14	5.25E-11	8.91E-11
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.53E-14	2.59E-11	3.11E-11
11/6/98 7:18	OINCSmall A55	Waterliet Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.35E-14	8.71E-11	5.05E-11
11/6/98 7:19	OINCSmall B18	Gulf Intercostal Waterway	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.25E-14	2.76E-10	2.24E-11
11/6/98 7:20	OINCSmall B18	Bayou La Butte	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.68E-13	1.76E-09	2.02E-10
11/6/98 7:21	OINCSmall B18	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.22E-14	4.12E-10	3.77E-11
11/6/98 7:22	OINCSmall B18	Bayou Manchac	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.35E-14	4.12E-10	2.04E-11
11/6/98 7:22	OINCSmall B23	Hillbrandt Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.72E-14	9.41E-11	1.42E-09
11/6/98 7:23	OINCSmall B23	Cow Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.62E-14	6.27E-11	6.83E-09
11/6/98 7:24	OINCSmall B23	Neches River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.57E-14	8.12E-11	2.02E-09
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.67E-14	2.38E-10	5.10E-09
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.22E-10	4.22E-10	1.90E-07
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.15E-13	2.63E-10	7.38E-08
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.06E-13	1.51E-10	3.59E-08
11/6/98 19:34	OINCSmall B31	Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.73E-13	1.73E-13	6.94E-08
11/6/98 7:29	OINCSmall B32	Cedar Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.92E-13	6.15E-11	2.85E-07
11/6/98 7:30	OINCSmall B32	Cary Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.94E-13	1.01E-10	6.69E-07
11/6/98 7:31	OINCSmall B32	Goose Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-13	4.39E-11	2.20E-07
11/6/98 7:32	OINCSmall B37	Arkansas River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.80E-14	1.54E-10	1.98E-10
11/6/98 7:33	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.33E-14	5.90E-11	5.66E-11
11/6/98 7:34	OINCSmall B37	Yellow Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.02E-13	5.69E-10	7.89E-10
11/6/98 7:35	OINCSmall B37	Lake Pine Bluff	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-14	1.67E-10	1.16E-10
11/6/98 7:36	OINCSmall B44	Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.14E-14	1.42E-11	1.21E-08
11/6/98 7:36	OINCSmall B4									

Inputs Used for Std Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	Hg2 Watershed Deposition Load (g/m2-yr)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.69E-14	1.52E-09	3.59E-11
11/6/98 7:42	OINCSmall TOC	Soldier Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.83E-13	2.35E-09	1.63E-10

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98 3:59	CINC	209	Lawsons Fork Creek	3.10E-11	4.38E-10	1.82E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00	
11/6/98 4:00	CINC	209	Tyger River	8.14E-11	1.46E-09	2.85E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00	
11/6/98 4:01	CINC	209	Fair Forest Creek	4.51E-11	8.21E-10	3.09E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00	
11/6/98 4:01	CINC	209	Middle Tyger River	4.16E-11	6.04E-10	1.39E-14	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.13E+00	
11/6/98 4:02	CINC	214	Fish Ponds	1.89E-09	3.25E-08	3.25E-03	1.20E-03	1.80E-04	8.20E-05	2.33E+02	4.12E+00	
11/6/98 4:03	CINC	214	Lake Clause	3.45E-09	4.37E-08	8.61E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00	
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	1.37E-09	2.30E-08	4.62E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00	
11/6/98 4:04	CINC	214	Comite River	1.74E-09	2.53E-08	4.01E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.12E+00	
11/6/98 4:05	CINC	221	Highlands Reservoir	2.08E-08	3.86E-10	9.71E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00	
11/6/98 4:06	CINC	221	Sheldon Reservoir	3.05E-08	6.25E-10	2.60E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00	
11/6/98 4:07	CINC	221	San Jacinto River / Houston Lake	5.01E-08	9.96E-10	2.96E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00	
11/6/98 4:07	CINC	324	Shades Creek	3.17E-10	1.92E-13	1.92E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00	
11/6/98 4:08	CINC	324	Valley Creek	4.75E-10	2.72E-08	4.87E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00	
11/6/98 4:09	CINC	324	Bayview Lake	9.50E-10	2.61E-08	3.58E-13	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00	
11/6/98 4:10	CINC	324	Cahaba River	2.07E-10	3.78E-09	8.15E-14	1.20E-03	1.80E-04	8.20E-05	2.90E+02	3.60E+00	
11/6/98 4:10	CINC	325	Big Hill Creek	7.25E-10	4.78E-07	1.15E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00	
11/6/98 4:11	CINC	325	Potato Creek	1.06E-09	7.52E-07	3.23E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00	
11/6/98 4:12	CINC	325	Claymore Creek	2.83E-09	4.35E-06	3.37E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00	
11/6/98 4:13	CINC	325	Verdigris River	7.42E-10	4.26E-07	6.32E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.17E+00	
11/6/98 4:14	CINC	331	Rocky River	1.50E-09	6.39E-08	5.91E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00	
11/6/98 4:14	CINC	331	East Branch Black River	2.06E-09	5.86E-08	4.24E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00	
11/6/98 4:15	CINC	331	Wyleswood Lake	1.86E-09	9.09E-08	7.15E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00	
11/6/98 4:16	CINC	331	Baldwin Lake	1.30E-09	5.19E-08	5.35E-13	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.10E+00	
11/6/98 4:17	CINC	359	Kentucky River	2.98E-08	1.46E-11	1.46E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00	
11/6/98 4:17	CINC	359	Indian Creek	2.33E-08	0.00E+00	1.17E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00	
11/6/98 4:18	CINC	359	Indian Kentuck Creek	9.93E-09	0.00E+00	4.00E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00	
11/6/98 4:19	CINC	359	Ohio River	2.53E-08	0.00E+00	1.17E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.13E+00	
11/6/98 4:20	CINC	A15	Tonawanda Creek	1.10E-10	1.52E-09	6.61E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.18E+00	
11/6/98 4:20	CINC	A15	Murder Creek	1.64E-10	2.64E-09	7.11E-14	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.18E+00	
11/6/98 4:21	CINC	A15	Ellicott Creek	2.45E-10	4.34E-09	1.17E-13	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.18E+00	
11/6/98 4:22	CINC	A18	Taylor Bayou	0.00E+00	2.17E-07	5.11E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00	
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	1.16E-07	3.99E-11	3.99E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00	
11/6/98 4:23	CINC	A18	Viterbo Reservoir	1.51E-07	0.00E+00	5.47E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00	
11/6/98 4:24	CINC	CAL	Tennessee River	4.77E-08	2.10E-08	1.02E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:25	CINC	CAL	Kentucky Lake	1.18E-07	9.22E-08	2.31E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:26	CINC	CAL	Barkley Lake	3.30E-08	3.30E-08	6.54E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:26	CINC	C41	Cumberland River	3.41E-08	3.41E-08	1.17E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:27	CINC	ELD	Flat Creek	8.49E-08	4.59E-11	4.59E-11	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00	
11/6/98 4:28	CINC	ELD	Salt Creek	5.90E-08	0.00E+00	2.98E-11	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00	
11/6/98 4:29	CINC	ELD	Callon Lake	2.36E-08	0.00E+00	8.95E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00	
11/6/98 4:29	CINC	ELD	Ouachita River	1.65E-08	0.00E+00	7.63E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.61E+00	
11/6/98 4:30	CINC	SAU	Horseshoe Lake	1.27E-09	2.22E-08	4.75E-13	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.12E+00	
11/6/98 4:31	CINC	SAU	Old Catahoula Creek	2.05E-09	4.00E-08	8.00E-13	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.12E+00	
11/6/98 4:32	CINC	SAU	Mississippi River	6.26E-09	1.64E-07	1.37E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.12E+00	
11/6/98 4:33	CK	202	Elk City Lake	1.87E-09	1.53E-08	2.00E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.10E+00	
11/6/98 4:34	CK	202	Montgomery County State Park Lake	4.81E-09	1.08E-07	5.80E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.10E+00	
11/6/98 4:35	CK	202	Verdigris River	2.44E-09	5.96E-08	5.34E-13	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.10E+00	
11/6/98 4:36	CK	203	Catalpa Creek	1.95E-08	8.79E-08	2.17E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00	
11/6/98 4:36	CK	203	Silver Creek	2.04E-08	2.04E-08	1.50E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00	
11/6/98 4:37	CK	203	N. Branch Magowah Creek	6.47E-06	1.88E-12	1.88E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00	
11/6/98 4:38	CK	203	Shotbag Creek	2.23E-08	2.02E-07	1.91E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	3.60E+00	
11/6/98 4:39	CK	204	Bay Creek	8.37E-08	9.99E-13	9.99E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 4:40	CK	204	Little Calumet Creek	4.45E-08	7.73E-07	6.52E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	1.85E-08	1.64E-07	8.76E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 4:41	CK	204	Mississippi River	2.69E-08	2.69E-07	8.66E-13	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 4:42	CK	302	Maumee River	6.19E-09	6.68E-08	1.48E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.60E+00	
11/6/98 4:43	CK	302	Auglaize River	3.94E-09	2.82E-08	1.45E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.60E+00	
11/6/98 4:43	CK	302	Six Mile Creek	1.07E-08	1.84E-07	3.28E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.60E+00	
11/6/98 4:44	CK	304	Big Walnut Creek	2.04E-08	3.28E-06	9.63E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:45	CK	304	Glenn Flint Lake	1.39E-08	8.70E-07	7.03E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:46	CK	304	Deer Creek	1.97E-08	1.97E-06	1.13E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	4.63E+00	
11/6/98 4:47	CK	320	Mud Davits Lake	1.19E-07	5.54E-12	2.51E-06	1.20E-03	1.80E-04	8.20E-05	2.79E+02	4.10E+00	
11/6/98 4:47	CK	320	Thunder Bay River	7.53E-08	1.57E-06	2.94E-12	1.20E-03	1.80E-04	8.20E-05	2.79E+02	4.10E+00	
11/6/98 4:48	CK	320	Long Lake	3.43E-08	3.39E-07	3.22E-12	1.20E-03	1.80E-04	8.20E-05	2.79E+02	4.10E+00	
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	4.61E-08	1.37E-06	2.63E-11	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00	
11/6/98 4:50	CK	321	Powell Creek	2.59E-08	4.79E-07	2.27E-11	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00	
11/6/98 4:50	CK	321	Lake Demopolis	2.46E-07	5.19E-05	4.16E-11	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00	
11/6/98 4:51	CK	321	Lake Henry	3.34E-08	7.70E-07	7.70E-07	1.20E-03	1.80E-04	8.20E-05	2.91E+02	3.58E+00	
11/6/98 4:52	CK	BAT	Monocacy Creek	1.13E-08	3.82E-07	1.31E-12	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.10E+00	
11/6/98 4:53	CK	BAT	Lehigh River	3.56E-09	3.42E-08	6.40E-13	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.10E+00	
11/6/98 4:54	CK	CHA	Allen Lake	3.02E-07	3.90E-06	2.69E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.14E+00	
11/6/98 4:54	CK	CHA	Sante Fe Lake	4.69E-07	8.65E-06	1.88E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.14E+00	
11/6/98 4:55	CK	CHA	Neosho River	1.46E-07	1.44E-06	2.09E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	5.14E+00	
11/6/98 4:56	CK	FOR	Walnut Bayou	4.89E-07	7.97E-06	1.99E-11	1.20E-03	1.80E-04	8.20E-05	2.55E+02	4.61E+00	
11/6/98 4:57	CK	FOR	West Flat Creek	9.17E-08	9.48E-07	2.15E-11	1.20E-03	1.80E-04	8.20E-05	2.55E+02	4.61E+00	
11/6/98 4:58	CK	FOR	Hamilton Lake	4.62E-07	5.96E-06	2.10E-11	1.20E-03	1.80E-04	8.20E-05	2.55E+02	4.61E+00	
11/6/98 4:58	CK	FRE	Salt Creek	3.96E-08	4.78E-07	8.86E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.18E+00	
11/6/98 4:59	CK	FRE	Verdigris River	1.15E-08	1.55E-08	2.02E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.18E+00	
11/6/98 5:00	CK	FRE	Fall River	1.65E-08	9.64E-08	9.54E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	6.18E+00	
11/6/98 5:01	CK	HAR	Indian Field Swamp	9.23E-08	6.93E-07	1.61E-11	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.13E+00	
11/6/98 5:02	CK	HAR	Walnut Branch	5.90E-08	4.12E-07	1.34E-11	1.20E-03	1.80E-04	8.20E-05	2.92E+02	4.13E+00	
11/6/98 5:02	CK	HAR	Huttos Lake	2.90E-07	6.96E-0							

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98 5:07	CK	TEX	Waxahachie Creek	2.13E-09	3.70E-07	7.57E-12	1.20E-03	1.80E-04	8.20E-05	2.92E+02	5.66E+00	
11/6/98 5:08	CK	WAM	Cornquessing Creek	4.37E-08	3.02E-06	2.37E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:09	CK	WAM	Hereford Manor Lake	3.07E-08	1.55E-06	1.74E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:10	CK	WAM	Beaver River	1.38E-07	1.95E-05	1.54E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:10	CK	WAM	Slippery Rock Creek	7.63E-08	6.93E-06	1.59E-11	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:12	LWAK	ARV	James River	5.70E-10	1.52E-08	2.60E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 5:13	LWAK	ARV	Sports Lake	1.77E-10	1.93E-09	1.32E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 5:14	LWAK	ARV	Holman Creek	7.31E-10	1.80E-08	9.43E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 5:14	LWAK	ARV	Rivanna River	1.93E-10	2.21E-13	1.93E-13	1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.60E+00	
11/6/98 5:15	LWAK	BRO	Blueick Creek (includes Clear Run)	2.44E-07	1.35E-05	3.13E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 5:16	LWAK	BRO	McNeely Lake	2.16E-08	2.37E-07	1.66E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 5:17	LWAK	BRO	Silver Lake	1.85E-08	1.59E-07	8.21E-12	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 5:18	LWAK	BRO	Salt River (includes Floyd's Fork)	2.88E-08	4.33E-07	1.59E-11	1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00	
11/6/98 5:18	LWAK	CAS	Cascade Creek	8.26E-09	1.60E-07	2.20E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00	
11/6/98 5:19	LWAK	CAS	Smith River	4.31E-09	4.10E-08	1.31E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00	
11/6/98 5:20	LWAK	CAS	Dan River	5.03E-09	5.25E-08	2.92E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00	
11/6/98 5:21	LWAK	COH	Troy Reservoir	6.58E-09	1.60E-07	1.19E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 5:22	LWAK	COH	Hudson River	2.51E-08	5.98E-07	1.46E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 5:22	LWAK	COH	Mohawk River	2.17E-08	6.65E-07	2.13E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 5:23	LWAK	COH	Tomahannock Reservoir	2.57E-09	1.47E-08	1.94E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	3.60E+00	
11/6/98 5:24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.65E-09	2.41E-13	5.91E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00	
11/6/98 5:25	LWAK	NOR	Long Lake/Creek	7.69E-10	4.46E-09	4.44E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00	
11/6/98 5:26	LWAK	NOR	Lake Tillery	3.69E-10	1.68E-09	2.66E-13	1.20E-03	1.80E-04	8.20E-05	2.89E+02	4.10E+00	
11/6/98 5:27	ONCLarge	334	Mississippi River	3.94E-10	2.64E-08	1.22E-13	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 5:28	ONCLarge	334	Vermillion River	1.49E-10	9.52E-09	6.68E-14	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 5:29	ONCLarge	334	Colby Lake	2.04E-10	1.05E-13	1.05E-13	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 5:30	ONCLarge	334	Lake Isabelle	2.78E-10	2.68E-08	1.55E-13	1.20E-03	1.80E-04	8.20E-05	2.80E+02	6.20E+00	
11/6/98 5:30	ONCLarge	463	Blue River	2.54E-08	0.00E+00	1.04E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 5:32	ONCLarge	463	Rock Creek	3.39E-08	0.00E+00	2.31E-11	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 5:33	ONCLarge	463	Shoat Creek	7.17E-09	0.00E+00	5.26E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 5:34	ONCLarge	463	Missouri River	1.12E-08	0.00E+00	5.58E-12	1.20E-03	1.80E-04	8.20E-05	2.85E+02	5.70E+00	
11/6/98 5:35	ONCLarge	464	Ottawa River	1.38E-10	2.37E-09	1.35E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:36	ONCLarge	464	Twin Lakes Reservoir	1.20E-10	2.70E-09	2.68E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:37	ONCLarge	464	Metzger/Ferguson Reservoir	1.16E-10	1.67E-09	1.85E-14	1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.13E+00	
11/6/98 5:38	ONCLarge	504	Pennsauken Creek	7.31E-09	0.00E+00	5.75E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 5:39	ONCLarge	504	Darby Creek	4.34E-08	0.00E+00	9.39E-12	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 5:40	ONCLarge	504	Cooper River Lake	1.22E-08	0.00E+00	5.04E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 5:41	ONCLarge	504	Schuykill River	5.97E-08	0.00E+00	1.83E-11	1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00	
11/6/98 5:42	ONCLarge	600	Lake Jackson	3.30E-10	8.41E-08	8.14E-12	1.20E-03	1.80E-04	8.20E-05	2.95E+02	6.20E+00	
11/6/98 5:43	ONCLarge	600	Oyster Creek	3.19E-10	8.04E-08	6.29E-12	1.20E-03	1.80E-04	8.20E-05	2.95E+02	6.20E+00	
11/6/98 5:44	ONCLarge	600	Brazos River	1.29E-09	1.42E-06	9.10E-12	1.20E-03	1.80E-04	8.20E-05	2.95E+02	6.20E+00	
11/6/98 5:45	ONCLarge	711	Brechtel Lake	8.25E-10	1.76E-11	1.47E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 5:46	ONCLarge	711	Mississippi River	1.75E-09	2.90E-13	2.90E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 5:47	ONCLarge	806	Wolf Lake	4.51E-08	0.00E+00	9.72E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 5:48	ONCLarge	806	Lake George	4.05E-08	0.00E+00	1.11E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 5:50	ONCLarge	806	Little Calumet River	1.86E-08	0.00E+00	5.78E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 5:51	ONCLarge	806	Grand Calumet River	2.24E-08	0.00E+00	1.23E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	4.61E+00	
11/6/98 5:52	ONCLarge	915	Genesee River	2.00E-08	0.00E+00	2.17E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00	
11/6/98 5:53	ONCLarge	915	Iroquoisquit Bay	8.13E-09	3.35E-02	3.35E-02	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00	
11/6/98 5:54	ONCLarge	915	Highland Reservoir	6.48E-09	0.00E+00	8.71E-13	1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.66E+00	
11/6/98 5:55	ONCLarge	A32	Armand Bayou	3.91E-08	0.00E+00	9.46E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00	
11/6/98 5:56	ONCLarge	A43	Twelvemile Creek	1.51E-08	0.00E+00	4.45E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 5:57	ONCLarge	A43	Bergholtz Creek	3.89E-08	0.00E+00	1.27E-11	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 5:57	ONCLarge	A43	Cayuga Creek	5.40E-08	0.00E+00	1.71E-11	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 5:58	ONCLarge	A43	Niagara River	2.90E-08	0.00E+00	5.10E-12	1.20E-03	1.80E-04	8.20E-05	2.82E+02	6.17E+00	
11/6/98 5:59	ONCLarge	A50	Carpenters Bayou	4.46E-11	1.02E-08	6.55E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 6:00	ONCLarge	A50	Highlands Reservoir	1.59E-11	1.98E-09	1.98E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 6:01	ONCLarge	A50	Buffalo Bayou	5.01E-11	1.59E-08	7.00E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 6:01	ONCLarge	A50	San Jacinto River	2.07E-11	5.05E-09	4.34E-13	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00	
11/6/98 6:02	ONCLarge	A62	Caney Creek	6.65E-08	0.00E+00	5.25E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 6:03	ONCLarge	A62	E & W Fork Crystal Cr.	3.95E-07	1.39E-11	1.39E-11	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 6:04	ONCLarge	A62	Stewarts Creek	5.09E-08	0.00E+00	8.14E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 6:05	ONCLarge	A62	Lewis Creek Reservoir	1.41E-08	0.00E+00	2.86E-12	1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.12E+00	
11/6/98 6:05	ONCLarge	B20	Cuyahoga River	7.50E-09	0.00E+00	2.09E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 6:06	ONCLarge	B20	Upper and Lower Shaker Lake	3.31E-08	0.00E+00	1.77E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 6:07	ONCLarge	B20	Euclid Creek	7.39E-09	0.00E+00	3.62E-12	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 6:08	ONCLarge	B20	Fairmont Reservoir	2.64E-08	0.00E+00	1.70E-11	1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.12E+00	
11/6/98 6:09	ONCLarge	HAN	Fabus River	1.29E-08	2.50E-08	2.50E-08	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00	
11/6/98 6:10	ONCLarge	HAN	Spring Lake	2.09E-08	3.15E-08	5.63E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00	
11/6/98 6:10	ONCLarge	HAN	Mississippi River	6.91E-08	2.15E-07	1.98E-11	1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00	
11/6/98 6:11	ONCLarge	KIN	North Fork Holston River	9.59E-09	1.07E-09	5.83E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 6:12	ONCLarge	KIN	Kingsport Reservoir	6.71E-09	4.17E-10	5.68E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 6:13	ONCLarge	KIN	South Fork Holston River	8.80E-09	9.09E-10	3.09E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 6:14	ONCLarge	KIN	Reedy Creek	1.40E-08	1.97E-09	8.02E-12	1.20E-03	1.80E-04	8.20E-05	2.87E+02	4.10E+00	
11/6/98 6:15	ONCLarge	MCI	Hals Lake	3.33E-09	6.32E-08	7.38E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 6:15	ONCLarge	MCI	Helicat Lake	3.06E-08	7.98E-07	3.15E-12	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 6:16	ONCLarge	MCI	Alabama River	1.38E-09	1.45E-08	3.04E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 6:17	ONCLarge	MCI	Tombigbee River	5.16E-09	1.28E-07	9.05E-13	1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.61E+00	
11/6/98 6:18	ONCLarge	MID	Titabawassee River (plus Sanford Lake)	2.89E-08	3.15E-09	6.00E-12	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 6:19	ONCLarge	MID	Sturgeon Creek	1.40E-08	1.97E-09	2.77E-12	1.20E-03	1.80E-04	8.20E-05	2.81E+02	5.12E+00	
11/6/98 6:20	ONCLarge	MID	Kankawlin River	1.53E-08	5.31E-10	5.01E-12						

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98 6:26	OINCSmall	340	1.05E-08	1.14E-09	4.77E-12		1.20E-03		1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98 6:27	OINCSmall	340	2.68E-09	9.93E-11	2.65E-12		1.20E-03		1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98 6:28	OINCSmall	340	1.03E-08	1.40E-09	1.40E-12		1.20E-03		1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98 6:29	OINCSmall	342	1.38E-09	5.10E-09	6.00E-14		1.20E-03		1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98 6:30	OINCSmall	342	1.73E-11	5.27E-10	1.17E-14		1.20E-03		1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98 6:30	OINCSmall	342	5.25E-10	3.98E-09	3.98E-14		1.20E-03		1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98 6:31	OINCSmall	342	2.56E-11	5.71E-10	1.90E-14		1.20E-03		1.80E-04	8.20E-05	2.82E+02	5.66E+00
11/6/98 6:32	OINCSmall	453	1.40E-09	2.72E-11	1.18E-12		1.20E-03		1.80E-04	8.20E-05	2.90E+02	4.61E+00
11/6/98 6:33	OINCSmall	453	9.89E-09	1.02E-09	7.31E-12		1.20E-03		1.80E-04	8.20E-05	2.90E+02	4.61E+00
11/6/98 6:34	OINCSmall	453	3.84E-09	2.80E-10	1.78E-12		1.20E-03		1.80E-04	8.20E-05	2.90E+02	4.61E+00
11/6/98 6:35	OINCSmall	468	1.35E-12	4.59E-10	3.00E-14		1.20E-03		1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:36	OINCSmall	468	5.19E-13	9.90E-11	1.21E-14		1.20E-03		1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:36	OINCSmall	468	2.56E-12	2.41E-09	4.32E-14		1.20E-03		1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:37	OINCSmall	468	1.38E-12	3.51E-10	5.78E-15		1.20E-03		1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:38	OINCSmall	701	1.90E-09	1.18E-06	2.00E-13		1.20E-03		1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98 6:39	OINCSmall	701	4.69E-10	3.42E-07	3.80E-14		1.20E-03		1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98 6:40	OINCSmall	701	9.14E-10	7.18E-07	1.00E-13		1.20E-03		1.80E-04	8.20E-05	2.85E+02	4.63E+00
11/6/98 6:41	OINCSmall	704	2.37E-11	1.21E-08	1.00E-12		1.20E-03		1.80E-04	8.20E-05	2.90E+02	4.13E+00
11/6/98 6:41	OINCSmall	704	3.96E-11	2.03E-08	8.96E-12		1.20E-03		1.80E-04	8.20E-05	2.90E+02	4.13E+00
11/6/98 6:42	OINCSmall	704	1.98E-11	2.16E-09	3.40E-13		1.20E-03		1.80E-04	8.20E-05	2.90E+02	4.13E+00
11/6/98 6:43	OINCSmall	708	1.22E-10	3.26E-08	2.42E-12		1.20E-03		1.80E-04	8.20E-05	2.89E+02	4.10E+00
11/6/98 6:44	OINCSmall	708	9.79E-10	1.24E-06	2.48E-11		1.20E-03		1.80E-04	8.20E-05	2.89E+02	4.10E+00
11/6/98 6:45	OINCSmall	708	4.05E-11	4.58E-09	7.36E-13		1.20E-03		1.80E-04	8.20E-05	2.89E+02	4.10E+00
11/6/98 6:46	OINCSmall	725	1.16E-12	4.22E-11	1.16E-12		1.20E-03		1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98 6:47	OINCSmall	725	1.55E-12	4.59E-10	1.87E-15		1.20E-03		1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98 6:47	OINCSmall	725	Reservoir No. 2	5.36E-11	4.90E-16		1.20E-03		1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98 6:48	OINCSmall	725	Rahway River	1.28E-12	1.45E-16		1.20E-03		1.80E-04	8.20E-05	2.86E+02	6.20E+00
11/6/98 6:49	OINCSmall	824	Newton Lake	1.68E-12	1.05E-15	4.80E-15		1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:50	OINCSmall	824	Big Timber Creek	1.38E-12	2.35E-11	4.24E-16		1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:51	OINCSmall	824	Darby Creek	8.60E-13	6.05E-11	1.26E-15		1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:52	OINCSmall	824	Schuykill River	1.25E-12	6.61E-11	1.77E-15		1.20E-03	1.80E-04	8.20E-05	2.86E+02	4.63E+00
11/6/98 6:52	OINCSmall	904	Pascagoula River	7.44E-09	1.39E-08	1.68E-13		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.60E+00
11/6/98 6:53	OINCSmall	904	Escatawpa River	7.04E-08	2.13E-08	1.81E-13		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.60E+00
11/6/98 6:54	OINCSmall	906	Mississippi River	5.39E-09	3.29E-12	3.29E-12		1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98 6:55	OINCSmall	906	Coopers Creek	1.70E-09	0.00E+00	1.77E-12		1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98 6:56	OINCSmall	906	Eliza Creek	9.45E-10	0.00E+00	6.14E-13		1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98 6:57	OINCSmall	906	Muscataine Slough	4.21E-09	0.00E+00	1.37E-12		1.20E-03	1.80E-04	8.20E-05	2.83E+02	5.70E+00
11/6/98 6:58	OINCSmall	A14	New River	5.91E-14	1.11E-11	4.63E-16		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 6:58	OINCSmall	A14	Bayou Conway	6.48E-14	1.47E-11	5.85E-16		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 6:59	OINCSmall	A14	Mississippi River	6.80E-14	1.45E-11	6.45E-16		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 7:00	OINCSmall	A14	Bayou Lafourche	4.60E-14	6.08E-12	3.86E-16		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 7:01	OINCSmall	A26	Big Creek (includes Sulfur Spring Creek)	7.12E-09	2.09E-09	3.51E-12		1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98 7:02	OINCSmall	A26	Carter Creek	1.91E-09	1.91E-09	9.30E-13		1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98 7:03	OINCSmall	A26	Dota Creek	3.21E-09	1.90E-10	1.24E-12		1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98 7:04	OINCSmall	A31	Nottaway River	1.25E-10	7.07E-08	9.05E-13		1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.58E+00
11/6/98 7:04	OINCSmall	A31	Chowan River	4.36E-11	1.25E-08	5.79E-13		1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.58E+00
11/6/98 7:05	OINCSmall	A31	Nottaway Swamp (a creek)	3.37E-10	3.54E-07	4.12E-12		1.20E-03	1.80E-04	8.20E-05	2.88E+02	3.58E+00
11/6/98 7:06	OINCSmall	A45	Sheldon Reservoir	1.90E-10	4.47E-09	1.74E-13		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98 7:07	OINCSmall	A45	Highlands Reservoir	5.71E-10	4.59E-10	5.71E-14		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98 7:08	OINCSmall	A45	Greens Bayou	3.42E-10	6.16E-09	2.22E-13		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98 7:09	OINCSmall	A45	Buffalo Bayou	5.90E-10	1.42E-08	4.40E-13		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.10E+00
11/6/98 7:10	OINCSmall	A46	Little Muskingum River	6.72E-09	0.00E+00	2.79E-12		1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98 7:10	OINCSmall	A46	Ohio River	2.17E-08	0.00E+00	1.08E-11		1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98 7:11	OINCSmall	A46	Middle Island Creek	1.11E-08	0.00E+00	3.93E-12		1.20E-03	1.80E-04	8.20E-05	2.86E+02	3.60E+00
11/6/98 7:12	OINCSmall	A47	Caney River	5.67E-11	9.49E-12	4.06E-14		1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98 7:13	OINCSmall	A47	Sand Creek	1.03E-10	7.35E-12	5.57E-14		1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98 7:14	OINCSmall	A47	Bar-Dew Lake	7.09E-11	2.50E-12	9.68E-14		1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98 7:15	OINCSmall	A47	Lake Hudson	9.34E-11	9.59E-12	1.29E-13		1.20E-03	1.80E-04	8.20E-05	2.89E+02	5.60E+00
11/6/98 7:16	OINCSmall	A55	Mohawk River	1.73E-10	3.21E-11	8.61E-14		1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98 7:16	OINCSmall	A55	Applause Kill River	4.61E-11	1.46E-11	4.12E-14		1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98 7:17	OINCSmall	A55	Story Creek Reservoir	2.43E-11	2.43E-11	1.55E-14		1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98 7:18	OINCSmall	A55	Waterlief Reservoir	4.35E-11	1.50E-12	1.35E-14		1.20E-03	1.80E-04	8.20E-05	2.82E+02	5.14E+00
11/6/98 7:19	OINCSmall	B18	Gulf Intercostal Waterway	2.46E-10	4.77E-12	6.04E-14		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 7:20	OINCSmall	B18	Bayou La Butte	1.50E-09	8.37E-11	3.98E-13		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 7:21	OINCSmall	B18	Mississippi River	4.12E-10	1.38E-11	9.30E-14		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 7:22	OINCSmall	B18	Bayou Manchac	2.13E-10	3.40E-12	3.98E-14		1.20E-03	1.80E-04	8.20E-05	2.93E+02	4.10E+00
11/6/98 7:22	OINCSmall	B23	Hillbrandt Bayou	9.23E-11	5.10E-10	1.43E-14		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98 7:23	OINCSmall	B23	Cow Bayou	6.46E-11	5.41E-10	2.47E-14		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98 7:24	OINCSmall	B23	Neches River	8.67E-11	8.82E-10	2.55E-14		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98 7:25	OINCSmall	B23	Port Arthur Reservoir	2.40E-10	2.48E-09	5.74E-14		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.60E+00
11/6/98 19:31	OINCSmall	B31	Wassahickon Creek	1.35E-09	8.13E-08	9.99E-13		1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.15E+00
11/6/98 19:32	OINCSmall	B31	Neshaminy Creek	2.07E-10	2.48E-09	1.78E-13		1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.15E+00
11/6/98 19:33	OINCSmall	B31	Pease Valley Reservoir	1.59E-10	1.51E-09	1.12E-13		1.20E-03	1.80E-04	8.20E-05	2.84E+02	5.15E+00
11/6/98 19:34	OINCSmall	B32	Schuykill River	3.66E-10	3.98E-09	1.04E-13		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98 7:29	OINCSmall	B32	Cedar Bayou	8.96E-11	5.23E-08	6.71E-13		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98 7:30	OINCSmall	B32	Cary Bayou	9.40E-11	4.65E-08	1.02E-12		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98 7:31	OINCSmall	B32	Goose Creek	5.01E-11	1.41E-08	3.15E-13		1.20E-03	1.80E-04	8.20E-05	2.94E+02	4.13E+00
11/6/98 7:32	OINCSmall	B37	Arkansas River	1.18E-10	7.53E-12	7.22E-14		1.20E-03	1.80E-04	8.20E-05	2.87E+02	5.10E+00
11/6/98 7:33	OINCSmall	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	4.72E-11	9.33E-13	1.71E-14		1.20E-03	1.80E-04	8.20E-05		

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa	air density, g/cm3	ua	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K	Temperature (K)	Wind Speed (m/s)
11/6/98 7:41	OINCSmall TOO	Blue Lakes	1.50E-09	4.44E-12	3.72E-14		1.20E-03		1.80E-04	8.20E-05	2.84E+02	4.62E+00
11/6/98 7:42	OINCSmall TOO	Soldier Creek	2.42E-09	7.37E-12	1.94E-13		1.20E-03		1.80E-04	8.20E-05	2.84E+02	4.62E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Std Emissions

calculated

Facility	State	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L/water/Lsoil volume)
11/6/98 3:59	CINC	209	2.98E+02	1.00E+00	2.40E+01	1.67E+02	1.43E+06	2.30E-01	2.20E-01
11/6/98 4:00	CINC	209	2.98E+02	1.00E+00	6.81E+01	4.73E+02	4.05E+06	2.30E-01	2.20E-01
11/6/98 4:01	CINC	209	2.98E+02	1.00E+00	3.58E+01	2.49E+02	2.13E+06	2.30E-01	2.20E-01
11/6/98 4:01	CINC	209	2.98E+02	1.00E+00	7.78E+00	5.40E+01	4.62E+05	2.30E-01	2.20E-01
11/6/98 4:02	CINC	214	2.98E+02	1.00E+00	5.32E+01	2.99E+00	2.46E+04	2.30E-01	2.20E-01
11/6/98 4:03	CINC	214	2.98E+02	1.00E+00	2.57E+00	1.44E+01	1.19E+05	2.30E-01	2.20E-01
11/6/98 4:04	CINC	214	2.98E+02	1.00E+00	4.49E-01	2.52E+00	2.07E+04	2.30E-01	2.20E-01
11/6/98 4:04	CINC	214	2.98E+02	1.00E+00	5.77E+01	3.24E+02	2.67E+06	2.30E-01	2.20E-01
11/6/98 4:05	CINC	221	2.98E+02	1.00E+00	1.11E+00	5.21E+00	4.10E+04	2.30E-01	2.20E-01
11/6/98 4:06	CINC	221	2.98E+02	1.00E+00	1.13E+00	5.30E+00	4.17E+04	2.30E-01	2.20E-01
11/6/98 4:07	CINC	221	2.98E+02	1.00E+00	2.35E+01	1.10E+02	8.69E+05	2.30E-01	2.20E-01
11/6/98 4:07	CINC	324	2.98E+02	1.00E+00	6.04E+01	1.63E+02	8.30E+05	2.30E-01	2.20E-01
11/6/98 4:08	CINC	324	2.98E+02	1.00E+00	1.94E+02	3.93E+02	2.00E+06	2.30E-01	2.20E-01
11/6/98 4:09	CINC	324	2.98E+02	1.00E+00	7.83E+01	1.59E+02	8.09E+05	2.30E-01	2.20E-01
11/6/98 4:10	CINC	324	2.98E+02	1.00E+00	7.30E+01	1.48E+02	7.53E+05	2.30E-01	2.20E-01
11/6/98 4:10	CINC	325	2.98E+02	1.00E+00	4.47E+00	1.12E+02	1.07E+06	2.30E-01	2.20E-01
11/6/98 4:11	CINC	325	2.98E+02	1.00E+00	1.77E+00	4.44E+01	4.26E+05	2.30E-01	2.20E-01
11/6/98 4:12	CINC	325	2.98E+02	1.00E+00	1.39E+00	3.49E+01	3.33E+05	2.30E-01	2.20E-01
11/6/98 4:13	CINC	325	2.98E+02	1.00E+00	4.04E+01	1.01E+03	9.70E+06	2.30E-01	2.20E-01
11/6/98 4:14	CINC	331	2.98E+02	1.00E+00	2.47E+01	3.30E+02	3.05E+06	2.30E-01	2.20E-01
11/6/98 4:14	CINC	331	2.98E+02	1.00E+00	1.94E+01	2.58E+02	2.39E+06	2.30E-01	2.20E-01
11/6/98 4:15	CINC	331	2.98E+02	1.00E+00	6.28E-03	8.38E-02	7.75E+02	2.30E-01	2.20E-01
11/6/98 4:16	CINC	331	2.98E+02	1.00E+00	2.32E+00	3.09E+01	2.86E+05	2.30E-01	2.20E-01
11/6/98 4:17	CINC	359	2.98E+02	1.00E+00	4.67E+02	4.16E+06	4.16E+06	2.30E-01	2.20E-01
11/6/98 4:17	CINC	359	2.98E+02	1.00E+00	1.26E+01	1.16E+02	1.03E+06	2.30E-01	2.20E-01
11/6/98 4:18	CINC	359	2.98E+02	1.00E+00	1.23E+01	1.13E+02	1.01E+06	2.30E-01	2.20E-01
11/6/98 4:19	CINC	359	2.98E+02	1.00E+00	5.51E+01	5.08E+02	4.51E+06	2.30E-01	2.20E-01
11/6/98 4:20	CINC	A15	2.98E+02	1.00E+00	6.29E+01	4.37E+02	3.74E+06	2.30E-01	2.20E-01
11/6/98 4:20	CINC	A15	2.98E+02	1.00E+00	1.54E+01	1.07E+02	9.15E+05	2.30E-01	2.20E-01
11/6/98 4:21	CINC	A15	2.98E+02	1.00E+00	2.98E+02	2.69E+02	2.30E+06	2.30E-01	2.20E-01
11/6/98 4:22	CINC	A18	2.98E+02	1.00E+00	1.94E+00	3.88E+02	3.86E+06	2.30E-01	2.20E-01
11/6/98 4:23	CINC	A18	2.98E+02	1.00E+00	1.09E+00	2.17E+02	2.16E+06	2.30E-01	2.20E-01
11/6/98 4:23	CINC	A18	2.98E+02	1.00E+00	1.82E-02	3.63E+00	3.62E+04	2.30E-01	2.20E-01
11/6/98 4:24	CINC	CAL	2.98E+02	1.00E+00	5.81E+01	5.33E+02	4.75E+06	2.30E-01	2.20E-01
11/6/98 4:25	CINC	CAL	2.98E+02	1.00E+00	1.58E+01	1.45E+02	1.29E+06	2.30E-01	2.20E-01
11/6/98 4:26	CINC	CAL	2.98E+02	1.00E+00	1.15E+01	1.05E+02	9.36E+05	2.30E-01	2.20E-01
11/6/98 4:26	CINC	CAL	2.98E+02	1.00E+00	3.38E+01	3.10E+02	2.76E+06	2.30E-01	2.20E-01
11/6/98 4:27	CINC	ELD	2.98E+02	1.00E+00	1.35E+01	9.37E+01	8.02E+05	2.30E-01	2.20E-01
11/6/98 4:28	CINC	ELD	2.98E+02	1.00E+00	6.79E+00	4.72E+01	4.04E+05	2.30E-01	2.20E-01
11/6/98 4:29	CINC	ELD	2.98E+02	1.00E+00	6.95E+00	4.82E+01	4.13E+05	2.30E-01	2.20E-01
11/6/98 4:29	CINC	ELD	2.98E+02	1.00E+00	5.16E+01	3.58E+02	3.06E+06	2.30E-01	2.20E-01
11/6/98 4:30	CINC	SAU	2.98E+02	1.00E+00	1.25E+01	2.37E+01	1.12E+05	2.30E-01	2.20E-01
11/6/98 4:31	CINC	SAU	2.98E+02	1.00E+00	2.24E+00	2.39E+00	1.12E+04	2.30E-01	2.20E-01
11/6/98 4:32	CINC	SAU	2.98E+02	1.00E+00	5.78E+02	1.10E+03	5.21E+06	2.30E-01	2.20E-01
11/6/98 4:33	CK	202	2.98E+02	1.00E+00	7.27E+00	9.70E+01	8.97E+05	2.30E-01	2.20E-01
11/6/98 4:34	CK	202	2.98E+02	1.00E+00	9.85E-01	1.31E+01	1.21E+05	2.30E-01	2.20E-01
11/6/98 4:35	CK	202	2.98E+02	1.00E+00	6.73E+01	8.98E+02	8.31E+06	2.30E-01	2.20E-01
11/6/98 4:36	CK	203	2.98E+02	1.00E+00	1.41E+00	2.82E+02	2.80E+06	2.30E-01	2.20E-01
11/6/98 4:36	CK	203	2.98E+02	1.00E+00	1.26E+02	1.26E+02	1.26E+06	2.30E-01	2.20E-01
11/6/98 4:37	CK	203	2.98E+02	1.00E+00	1.81E-01	3.62E+01	3.60E+05	2.30E-01	2.20E-01
11/6/98 4:38	CK	203	2.98E+02	1.00E+00	3.77E-01	7.53E+01	7.49E+05	2.30E-01	2.20E-01
11/6/98 4:39	CK	204	2.98E+02	1.00E+00	4.80E+00	1.23E+02	1.18E+06	2.30E-01	2.20E-01
11/6/98 4:40	CK	204	2.98E+02	1.00E+00	8.83E-01	2.28E+01	2.18E+05	2.30E-01	2.20E-01
11/6/98 4:40	CK	204	2.98E+02	1.00E+00	2.04E-01	5.23E+00	5.03E+04	2.30E-01	2.20E-01
11/6/98 4:41	CK	204	2.98E+02	1.00E+00	3.61E+01	9.26E+02	8.30E+06	2.30E-01	2.20E-01
11/6/98 4:42	CK	302	2.98E+02	1.00E+00	1.99E+01	4.98E+02	4.78E+06	2.30E-01	2.20E-01
11/6/98 4:43	CK	302	2.98E+02	1.00E+00	2.61E+01	6.53E+02	6.27E+06	2.30E-01	2.20E-01
11/6/98 4:43	CK	302	2.98E+02	1.00E+00	2.61E+00	6.53E+01	6.27E+05	2.30E-01	2.20E-01
11/6/98 4:44	CK	304	2.98E+02	1.00E+00	3.15E+01	4.19E+02	3.88E+06	2.30E-01	2.20E-01
11/6/98 4:45	CK	304	2.98E+02	1.00E+00	3.02E+00	4.03E+01	3.72E+05	2.30E-01	2.20E-01
11/6/98 4:46	CK	304	2.98E+02	1.00E+00	1.68E+01	2.24E+02	2.07E+06	2.30E-01	2.20E-01
11/6/98 4:47	CK	320	2.98E+02	1.00E+00	1.35E+01	8.44E+01	7.09E+05	2.30E-01	2.20E-01
11/6/98 4:47	CK	320	2.98E+02	1.00E+00	5.69E+01	3.56E+02	2.99E+06	2.30E-01	2.20E-01
11/6/98 4:48	CK	320	2.98E+02	1.00E+00	9.76E+00	6.10E+01	5.12E+05	2.30E-01	2.20E-01
11/6/98 4:49	CK	321	2.98E+02	1.00E+00	3.14E+01	4.25E+02	3.93E+06	2.30E-01	2.20E-01
11/6/98 4:50	CK	321	2.98E+02	1.00E+00	1.01E+01	1.37E+02	1.26E+06	2.30E-01	2.20E-01
11/6/98 4:50	CK	321	2.98E+02	1.00E+00	3.14E+01	4.25E+02	3.93E+06	2.30E-01	2.20E-01
11/6/98 4:51	CK	321	2.98E+02	1.00E+00	6.07E+01	6.86E+02	6.36E+04	2.30E-01	2.20E-01
11/6/98 4:52	CK	BAT	2.98E+02	1.00E+00	4.88E+00	1.22E+02	1.17E+06	2.30E-01	2.20E-01
11/6/98 4:53	CK	BAT	2.98E+02	1.00E+00	3.27E+01	8.19E+02	7.86E+06	2.30E-01	2.20E-01
11/6/98 4:54	CK	CHA	2.98E+02	1.00E+00	1.45E-01	1.33E+00	1.19E+04	2.30E-01	2.20E-01
11/6/98 4:54	CK	CHA	2.98E+02	1.00E+00	1.04E+00	9.53E+00	8.50E+04	2.30E-01	2.20E-01
11/6/98 4:55	CK	CHA	2.98E+02	1.00E+00	9.85E+01	9.04E+02	8.05E+06	2.30E-01	2.20E-01
11/6/98 4:56	CK	FOR	2.98E+02	1.00E+00	3.38E+02	3.44E+02	3.31E+06	2.30E-01	2.20E-01
11/6/98 4:57	CK	FOR	2.98E+02	1.00E+00	1.75E+00	4.38E+01	4.21E+05	2.30E-01	2.20E-01
11/6/98 4:58	CK	FOR	2.98E+02	1.00E+00	2.41E-01	6.02E+00	5.78E+04	2.30E-01	2.20E-01
11/6/98 4:58	CK	FRE	2.98E+02	1.00E+00	1.95E+00	4.88E+01	4.68E+05	2.30E-01	2.20E-01
11/6/98 4:59	CK	FRE	2.98E+02	1.00E+00	1.92E+01	4.80E+02	4.61E+06	2.30E-01	2.20E-01
11/6/98 5:00	CK	FRE	2.98E+02	1.00E+00	1.66E+01	4.16E+02	3.99E+06	2.30E-01	2.20E-01
11/6/98 5:01	CK	HAR	2.98E+02	1.00E+00	9.62E-01	9.62E-01	9.24E+03	2.30E-01	2.20E-01
11/6/98 5:02	CK	HAR	2.98E+02	1.00E+00	1.07E-02	2.67E-01	2.56E+03	2.30E-01	2.20E-01
11/6/98 5:02	CK	HAR	2.98E+02	1.00E+00	3.51E-02	8.77E-01	8.42E+03	2.30E-01	2.20E-01
11/6/98 5:03	CK	HOL	2.98E+02	1.00E+00	3.51E-02	8.77E-01	8.42E+03	2.30E-01	2.20E-01
11/6/98 5:04	CK	HOL	2.98E+02	1.00E+00	3.35E-01	8.38E+00	8.05E+04	2.30E-01	2.20E-01
11/6/98 5:05	CK	TEX	2.98E+02	1.00E+00	2.66E+00	6.66E+01	6.39E+05	2.30E-01	2.20E-01
11/6/98 5:06	CK	TEX	2.98E+02	1.00E+00	5.79E-01	1.45E+01	1.39E+05	2.30E-01	2.20E-01
11/6/98 5:06	CK	TEX	2.98E+02	1.00E+00	1.36E+01	3.40E+02	3.26E+06	2.30E-01	2.20E-01

Inputs Used for Std Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including Impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L/water/Lsoil volume)
11/6/98 5.07	CK	TEX Waxahachie Creek	2.98E+02	1.00E+00	6.09E+00	1.52E+02	1.46E+06	2.30E-01	2.20E-01
11/6/98 5.08	CK	WAM Connoquenessing Creek	2.98E+02	1.00E+00	5.26E+01	2.94E+02	2.41E+06	2.30E-01	2.20E-01
11/6/98 5.09	CK	WAM Hereford Manor Lake	2.98E+02	1.00E+00	2.98E+01	2.98E+02	2.45E+04	2.30E-01	2.20E-01
11/6/98 5.10	CK	WAM Beaver River	2.98E+02	1.00E+00	9.58E+01	5.07E+02	4.16E+06	2.30E-01	2.20E-01
11/6/98 5.10	CK	WAM Slippery Rock Creek	2.98E+02	1.00E+00	2.61E+02	1.46E+02	1.20E+06	2.30E-01	2.20E-01
11/6/98 5.12	LWAK	ARV James River	2.98E+02	1.00E+00	3.81E+01	9.52E+02	9.14E+06	2.30E-01	2.20E-01
11/6/98 5.13	LWAK	ARV Sports Lake	2.98E+02	1.00E+00	2.28E+02	5.70E+01	5.47E+05	2.30E-01	2.20E-01
11/6/98 5.14	LWAK	ARV Holman Creek	2.98E+02	1.00E+00	4.92E-01	1.23E+01	1.18E+05	2.30E-01	2.20E-01
11/6/98 5.14	LWAK	ARV Rivanna River	2.98E+02	1.00E+00	8.75E+00	2.19E+02	2.10E+06	2.30E-01	2.20E-01
11/6/98 5.15	LWAK	BRO Bluelick Creek (includes Clear Run)	2.98E+02	1.00E+00	3.03E+00	2.10E+01	1.80E+05	2.30E-01	2.20E-01
11/6/98 5.16	LWAK	BRO McNeely Lake	2.98E+02	1.00E+00	1.89E+00	1.31E+01	1.12E+05	2.30E-01	2.20E-01
11/6/98 5.17	LWAK	BRO Silver Lake	2.98E+02	1.00E+00	2.14E+02	1.49E-01	1.27E+05	2.30E-01	2.20E-01
11/6/98 5.18	LWAK	BRO Salt River (includes Floyd's Fork)	2.98E+02	1.00E+00	1.11E+02	7.74E+02	6.62E+06	2.30E-01	2.20E-01
11/6/98 5.18	LWAK	CAS Cascade Creek	2.98E+02	1.00E+00	7.86E+00	1.05E+02	9.70E+05	2.30E-01	2.20E-01
11/6/98 5.19	LWAK	CAS Smith River	2.98E+02	1.00E+00	1.83E+01	2.44E+02	2.26E+06	2.30E-01	2.20E-01
11/6/98 5.20	LWAK	CAS Dan River	2.98E+02	1.00E+00	4.61E-01	6.15E+00	5.69E+04	2.30E-01	2.20E-01
11/6/98 5.21	LWAK	COH Troy Reservoir	2.98E+02	1.00E+00	1.12E+00	2.48E+00	1.33E+04	2.30E-01	2.20E-01
11/6/98 5.22	LWAK	COH Hudson River	2.98E+02	1.00E+00	3.87E+02	8.47E+02	4.60E+06	2.30E-01	2.20E-01
11/6/98 5.22	LWAK	COH Mohawk River	2.98E+02	1.00E+00	1.21E+02	2.64E+02	1.43E+06	2.30E-01	2.20E-01
11/6/98 5.23	LWAK	COH Tomahannock Reservoir	2.98E+02	1.00E+00	3.61E+01	7.90E+01	4.29E+05	2.30E-01	2.20E-01
11/6/98 5.24	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	2.98E+02	1.00E+00	4.35E+00	8.71E+02	8.66E+06	2.30E-01	2.20E-01
11/6/98 5.25	LWAK	NOR Long Lake/Creek	2.98E+02	1.00E+00	1.56E-01	3.13E+01	3.11E+05	2.30E-01	2.20E-01
11/6/98 5.26	LWAK	NOR Lake Tilley	2.98E+02	1.00E+00	1.02E+00	2.03E+02	2.02E+06	2.30E-01	2.20E-01
11/6/98 5.27	OINCLarge	334 Mississippi River	2.98E+02	1.00E+00	2.39E+02	8.41E+02	8.98E+06	2.30E-01	2.20E-01
11/6/98 5.28	OINCLarge	334 Vermilion River	2.98E+02	1.00E+00	1.56E+01	4.01E+02	3.85E+06	2.30E-01	2.20E-01
11/6/98 5.29	OINCLarge	334 Colty Lake	2.98E+02	1.00E+00	1.75E-02	4.49E-01	4.32E+03	2.30E-01	2.20E-01
11/6/98 5.30	OINCLarge	334 Lake Isabelle	2.98E+02	1.00E+00	5.31E-02	1.38E+00	1.31E+04	2.30E-01	2.20E-01
11/6/98 5.30	OINCLarge	463 Blue River	2.98E+02	1.00E+00	2.10E+02	2.18E+02	1.10E+06	2.30E-01	2.20E-01
11/6/98 5.32	OINCLarge	463 Rock Creek	2.98E+02	1.00E+00	1.16E+01	2.38E+01	1.20E+05	2.30E-01	2.20E-01
11/6/98 5.33	OINCLarge	463 Shoal Creek	2.98E+02	1.00E+00	8.20E+01	1.67E+02	8.50E+05	2.30E-01	2.20E-01
11/6/98 5.34	OINCLarge	463 Missouri River	2.98E+02	1.00E+00	4.29E+02	8.73E+02	4.44E+06	2.30E-01	2.20E-01
11/6/98 5.35	OINCLarge	464 Ottowa River	2.98E+02	1.00E+00	1.46E+02	3.77E+02	2.31E+06	2.30E-01	2.20E-01
11/6/98 5.36	OINCLarge	464 Twin Lakes Reservoir	2.98E+02	1.00E+00	1.65E-01	4.25E-01	2.61E+03	2.30E-01	2.20E-01
11/6/98 5.37	OINCLarge	464 Metzger/Ferguson Reservoir	2.98E+02	1.00E+00	7.12E-01	1.84E+00	1.13E+04	2.30E-01	2.20E-01
11/6/98 5.38	OINCLarge	504 Pennsauken Creek	2.98E+02	1.00E+00	2.00E+01	4.07E+01	2.07E+05	2.30E-01	2.20E-01
11/6/98 5.39	OINCLarge	504 Darby Creek	2.98E+02	1.00E+00	8.64E+01	1.76E+02	8.96E+05	2.30E-01	2.20E-01
11/6/98 5.40	OINCLarge	504 Cooper River Lake	2.98E+02	1.00E+00	2.49E+01	5.09E+01	2.58E+05	2.30E-01	2.20E-01
11/6/98 5.41	OINCLarge	600 Schuykill River	2.98E+02	1.00E+00	8.79E+01	1.79E+02	9.11E+05	2.30E-01	2.20E-01
11/6/98 5.42	OINCLarge	600 Lake Jackson	2.98E+02	1.00E+00	3.98E-01	2.23E+00	1.83E+04	2.30E-01	2.20E-01
11/6/98 5.43	OINCLarge	600 Oyster Creek	2.98E+02	1.00E+00	1.03E+01	5.75E+01	4.72E+05	2.30E-01	2.20E-01
11/6/98 5.44	OINCLarge	600 Brazos River	2.98E+02	1.00E+00	1.77E+01	9.90E+01	8.13E+05	2.30E-01	2.20E-01
11/6/98 5.45	OINCLarge	711 Brechtel Lake	2.98E+02	1.00E+00	4.96E-02	6.71E-01	6.21E+03	2.30E-01	2.20E-01
11/6/98 5.46	OINCLarge	711 Mississippi River	2.98E+02	1.00E+00	7.69E+00	7.69E+01	7.39E+05	2.30E-01	2.20E-01
11/6/98 5.47	OINCLarge	806 Wolf Lake	2.98E+02	1.00E+00	7.62E+00	1.21E+01	4.48E+04	2.30E-01	2.20E-01
11/6/98 5.48	OINCLarge	806 Lake George	2.98E+02	1.00E+00	1.02E+00	1.63E+00	6.02E+03	2.30E-01	2.20E-01
11/6/98 5.50	OINCLarge	806 Little Calumet River	2.98E+02	1.00E+00	3.34E+02	5.29E+02	1.96E+06	2.30E-01	2.20E-01
11/6/98 5.51	OINCLarge	806 Grand Calumet River	2.98E+02	1.00E+00	6.13E+01	9.73E+01	3.60E+05	2.30E-01	2.20E-01
11/6/98 5.52	OINCLarge	915 Genesee River	2.98E+02	1.00E+00	2.00E+02	3.00E+02	1.01E+06	2.30E-01	2.20E-01
11/6/98 5.53	OINCLarge	915 Irondequoit Bay	2.98E+02	1.00E+00	2.57E+02	2.57E+02	8.32E+05	2.30E-01	2.20E-01
11/6/98 5.54	OINCLarge	915 Highland Reservoir	2.98E+02	1.00E+00	1.52E-02	2.29E-02	7.65E+01	2.30E-01	2.20E-01
11/6/98 5.55	OINCLarge	A32 Armand Bayou	2.98E+02	1.00E+00	1.38E+01	1.28E+02	1.14E+06	2.30E-01	2.20E-01
11/6/98 5.56	OINCLarge	A43 Twelvemile Creek	2.98E+02	1.00E+00	3.88E+01	6.93E+01	3.05E+05	2.30E-01	2.20E-01
11/6/98 5.57	OINCLarge	A43 Bergholtz Creek	2.98E+02	1.00E+00	2.66E+01	4.75E+01	2.09E+05	2.30E-01	2.20E-01
11/6/98 5.57	OINCLarge	A43 Cayuga Creek	2.98E+02	1.00E+00	2.07E+01	3.70E+01	1.63E+05	2.30E-01	2.20E-01
11/6/98 5.58	OINCLarge	A43 Niagara River	2.98E+02	1.00E+00	4.11E+02	7.34E+02	3.23E+06	2.30E-01	2.20E-01
11/6/98 5.59	OINCLarge	A50 Carpenters Bayou	2.98E+02	1.00E+00	8.35E+00	5.84E+01	5.00E+05	2.30E-01	2.20E-01
11/6/98 6.00	OINCLarge	A50 Highlands Reservoir	2.98E+02	1.00E+00	7.45E-01	5.21E+00	4.47E+04	2.30E-01	2.20E-01
11/6/98 6.01	OINCLarge	A50 Buffalo Bayou	2.98E+02	1.00E+00	3.11E+01	2.18E+02	1.87E+06	2.30E-01	2.20E-01
11/6/98 6.01	OINCLarge	A50 San Jacinto River	2.98E+02	1.00E+00	1.27E+01	8.89E+01	7.62E+05	2.30E-01	2.20E-01
11/6/98 6.02	OINCLarge	A62 Caney Creek	2.98E+02	1.00E+00	2.82E+01	1.96E+02	1.67E+06	2.30E-01	2.20E-01
11/6/98 6.03	OINCLarge	A62 E & W Fork Crystal Cr.	2.98E+02	1.00E+00	1.41E+01	9.77E+01	8.36E+05	2.30E-01	2.20E-01
11/6/98 6.04	OINCLarge	A62 Stewarts Creek	2.98E+02	1.00E+00	8.11E+00	5.63E+01	4.82E+05	2.30E-01	2.20E-01
11/6/98 6.05	OINCLarge	A62 Lewis Creek Reservoir	2.98E+02	1.00E+00	1.42E+00	9.84E+00	8.42E+04	2.30E-01	2.20E-01
11/6/98 6.05	OINCLarge	B20 Cuyahoga River	2.98E+02	1.00E+00	1.61E+02	3.82E+02	2.22E+06	2.30E-01	2.20E-01
11/6/98 6.06	OINCLarge	B20 Upper and Lower Shaker Lake	2.98E+02	1.00E+00	5.35E+00	1.27E+01	7.39E+04	2.30E-01	2.20E-01
11/6/98 6.07	OINCLarge	B20 Euclid Creek	2.98E+02	1.00E+00	2.27E+01	5.40E+01	3.13E+05	2.30E-01	2.20E-01
11/6/98 6.08	OINCLarge	B20 Fairmont Reservoir	2.98E+02	1.00E+00	1.36E-01	3.24E-01	1.88E+03	2.30E-01	2.20E-01
11/6/98 6.09	OINCLarge	HAN Fabus River	2.98E+02	1.00E+00	2.38E+02	2.38E+02	2.31E+06	2.30E-01	2.20E-01
11/6/98 6.10	OINCLarge	H20 Spring Lake	2.98E+02	1.00E+00	2.01E-03	2.01E-01	2.00E+03	2.30E-01	2.20E-01
11/6/98 6.10	OINCLarge	HAN Mississippi River	2.98E+02	1.00E+00	4.34E+00	8.67E+02	8.63E+06	2.30E-01	2.20E-01
11/6/98 6.11	OINCLarge	KIN North Fork Holston River	2.98E+02	1.00E+00	1.11E+02	3.16E+02	2.05E+06	2.30E-01	2.20E-01
11/6/98 6.12	OINCLarge	KIN Kingsport Reservoir	2.98E+02	1.00E+00	4.73E-01	1.34E+00	8.71E+03	2.30E-01	2.20E-01
11/6/98 6.13	OINCLarge	KIN South Fork Holston River	2.98E+02	1.00E+00	1.68E+02	4.78E+02	3.09E+06	2.30E-01	2.20E-01
11/6/98 6.14	OINCLarge	KIN Riesty Creek	2.98E+02	1.00E+00	2.98E+02	1.14E+02	7.61E+05	2.30E-01	2.20E-01
11/6/98 6.15	OINCLarge	MCI Halk Lake	2.98E+02	1.00E+00	5.15E+00	1.32E+02	1.27E+06	2.30E-01	2.20E-01
11/6/98 6.15	OINCLarge	MCI Helicat Lake	2.98E+02	1.00E+00	3.27E-01	8.38E+00	8.06E+04	2.30E-01	2.20E-01
11/6/98 6.16	OINCLarge	MCI Alabama River	2.98E+02	1.00E+00	8.35E+00	2.14E+02	2.06E+06	2.30E-01	2.20E-01
11/6/98 6.17	OINCLarge	MCI Tombigbee River	2.98E+02	1.00E+00	2.86E+01	7.33E+02	7.04E+06	2.30E-01	2.20E-01
11/6/98 6.18	OINCLarge	MID Tittabawassee River (plus Sanford Lake)	2.98E+02	1.00E+00	1.29E+02	3.65E+02	2.36E+06	2.30E-01	2.20E-01
11/6/98 6.19	OINCLarge	MID Sturgeon Creek	2.98E+02	1.00E+00	5.05E+01	1.45E+02	9.37E+05	2.30E-01	2.20E-01
11/6/98 6.20	OINCLarge	MID Kankawlin River	2.98E+02	1.00E+00	9.19E+01	2.59E+02	1.68E+06	2.30E-01	2.20E-01
11/6/98 6.20	OINCLarge	MID Chippewa River (most inclusive data)	2.98E+02	1.00E+00	3.55E+01	1.01E+02	6.54E+05	2.30E-01	2.20E-01
11/6/98 6.21	OINCLarge	STG Bayou Plaquemine	2.98E+02	1.00E+00	7.06E-01	9.54E+00	8.83E+04	2.30E-01	2.20E-01
11/6/98 6.22	OINCLarge	STG Manchac Bayou	2.98E+02	1.00E+00	2.70E+01	3.64E+02	3.37E+06	2.30E-01	2.20E-01
11/6/98 6.23	OINCLarge	STG Bayou Fountain	2.98E+02	1.00E+00	7.72E+00	1.04E+02	9.66E+05	2.30E-01	2.20E-01
11/6/98 6.24	OINCLarge	STG Mississippi River	2.98E+02	1.00E+00	6.67E+00	1.17E+02	1.08E+06	2.30E-01	2.20E-01
11/6/98 6.25	OINCSmall	340 Sunfish Creek	2.98E+02	1.00E+00	9.85E+00	1.33E+02	1.23E+06	2.30E-01	2.20E-01

Inputs Used for Std Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including Impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L/water/Lsoil volume)
11/6/98 6:26	OINCSmall 340	Proctor Creek	2.98E+02	1.00E+00	4.17E+00	5.63E+01	5.22E+05	2.30E-01	2.20E-01
11/6/98 6:27	OINCSmall 340	Fish Creek	2.98E+02	1.00E+00	2.20E+01	2.72E+02	2.52E+06	2.30E-01	2.20E-01
11/6/98 6:28	OINCSmall 340	Ohio River	2.98E+02	1.00E+00	8.00E+01	1.08E+03	1.00E+07	2.30E-01	2.20E-01
11/6/98 6:29	OINCSmall 342	Kalamazoo River	2.98E+02	1.00E+00	2.54E+02	5.16E+02	2.62E+06	2.30E-01	2.20E-01
11/6/98 6:30	OINCSmall 342	East Lake	2.98E+02	1.00E+00	4.25E+00	8.64E+00	4.39E+04	2.30E-01	2.20E-01
11/6/98 6:30	OINCSmall 342	Portage Creek	2.98E+02	1.00E+00	7.08E+01	1.44E+02	7.31E+05	2.30E-01	2.20E-01
11/6/98 6:31	OINCSmall 342	Portage River	2.98E+02	1.00E+00	2.07E+02	4.20E+02	2.14E+06	2.30E-01	2.20E-01
11/6/98 6:32	OINCSmall 453	Lake Spivey	2.98E+02	1.00E+00	1.53E+01	2.91E+01	1.38E+05	2.30E-01	2.20E-01
11/6/98 6:33	OINCSmall 453	Jester Creek	2.98E+02	1.00E+00	1.55E+01	2.94E+01	1.39E+05	2.30E-01	2.20E-01
11/6/98 6:34	OINCSmall 453	Flint River	2.98E+02	1.00E+00	1.48E+02	2.82E+02	1.34E+06	2.30E-01	2.20E-01
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	2.98E+02	1.00E+00	8.51E+01	1.62E+02	7.67E+05	2.30E-01	2.20E-01
11/6/98 6:35	OINCSmall 468	Tacony Creek	2.98E+02	1.00E+00	4.10E+01	7.80E+01	3.89E+05	2.30E-01	2.20E-01
11/6/98 6:36	OINCSmall 468	Schuykill	2.98E+02	1.00E+00	3.10E+02	5.88E+02	2.79E+06	2.30E-01	2.20E-01
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	2.98E+02	1.00E+00	1.23E+01	2.34E+01	1.11E+05	2.30E-01	2.20E-01
11/6/98 6:38	OINCSmall 701	Wabash River	2.98E+02	1.00E+00	3.96E+00	7.93E+02	7.89E+06	2.30E-01	2.20E-01
11/6/98 6:39	OINCSmall 701	Sugar Creek	2.98E+02	1.00E+00	1.00E+01	4.67E+01	4.64E+05	2.30E-01	2.20E-01
11/6/98 6:40	OINCSmall 701	Big Raconon Creek	2.98E+02	1.00E+00	1.84E+00	3.69E+02	3.66E+06	2.30E-01	2.20E-01
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	2.98E+02	1.00E+00	8.19E-02	1.17E-01	3.51E+02	2.30E-01	2.20E-01
11/6/98 6:41	OINCSmall 704	Logg Lake	2.98E+02	1.00E+00	9.50E-02	1.36E-01	4.07E+02	2.30E-01	2.20E-01
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	2.98E+02	1.00E+00	8.68E-01	1.24E+00	3.72E+03	2.30E-01	2.20E-01
11/6/98 6:43	OINCSmall 708	Grindle Creek	2.98E+02	1.00E+00	2.29E+01	2.10E+02	1.87E+06	2.30E-01	2.20E-01
11/6/98 6:44	OINCSmall 708	Parker Creek	2.98E+02	1.00E+00	2.92E+00	2.68E+01	2.39E+05	2.30E-01	2.20E-01
11/6/98 6:45	OINCSmall 708	Tranters Creek	2.98E+02	1.00E+00	2.42E+01	2.22E+02	1.98E+06	2.30E-01	2.20E-01
11/6/98 6:46	OINCSmall 725	Passaic River	2.98E+02	1.00E+00	7.50E-01	1.79E+00	1.04E+04	2.30E-01	2.20E-01
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	2.98E+02	1.00E+00	6.61E-02	1.57E-01	9.13E+02	2.30E-01	2.20E-01
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	2.98E+02	1.00E+00	1.48E-02	3.52E-02	2.04E+02	2.30E-01	2.20E-01
11/6/98 6:48	OINCSmall 725	Rahway River	2.98E+02	1.00E+00	3.08E-01	7.33E-01	4.25E+03	2.30E-01	2.20E-01
11/6/98 6:49	OINCSmall 824	Newton Lake	2.98E+02	1.00E+00	4.19E+00	1.19E+01	7.71E+04	2.30E-01	2.20E-01
11/6/98 6:50	OINCSmall 824	Big Timber Creek	2.98E+02	1.00E+00	4.73E+01	1.34E+02	8.71E+05	2.30E-01	2.20E-01
11/6/98 6:51	OINCSmall 824	Darby Creek	2.98E+02	1.00E+00	5.01E+01	1.42E+02	9.22E+05	2.30E-01	2.20E-01
11/6/98 6:52	OINCSmall 824	Schuykill River	2.98E+02	1.00E+00	9.25E+01	9.24E+01	5.99E+05	2.30E-01	2.20E-01
11/6/98 6:52	OINCSmall 904	Pascagoula River	2.98E+02	1.00E+00	1.05E+01	4.93E+01	3.88E+05	2.30E-01	2.20E-01
11/6/98 6:53	OINCSmall 904	Escatawpa River	2.98E+02	1.00E+00	3.96E+01	1.86E+02	1.46E+06	2.30E-01	2.20E-01
11/6/98 6:54	OINCSmall 906	Mississippi River	2.98E+02	1.00E+00	2.10E+01	5.40E+02	5.19E+06	2.30E-01	2.20E-01
11/6/98 6:55	OINCSmall 906	Coopers Creek	2.98E+02	1.00E+00	3.89E+00	9.87E+01	9.48E+05	2.30E-01	2.20E-01
11/6/98 6:56	OINCSmall 906	Eliza Creek	2.98E+02	1.00E+00	3.65E+00	9.36E+01	8.99E+05	2.30E-01	2.20E-01
11/6/98 6:57	OINCSmall 906	Muscataine Slough	2.98E+02	1.00E+00	5.78E+00	1.48E+02	1.42E+06	2.30E-01	2.20E-01
11/6/98 6:58	OINCSmall A14	New River	2.98E+02	1.00E+00	1.60E+01	2.16E+02	2.00E+06	2.30E-01	2.20E-01
11/6/98 6:58	OINCSmall A14	Bayou Conway	2.98E+02	1.00E+00	9.91E+00	1.34E+02	1.24E+06	2.30E-01	2.20E-01
11/6/98 6:59	OINCSmall A14	Mississippi River	2.98E+02	1.00E+00	5.33E+00	7.21E+01	6.67E+05	2.30E-01	2.20E-01
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	2.98E+02	1.00E+00	2.61E-01	3.53E+00	3.26E+04	2.30E-01	2.20E-01
11/6/98 7:01	OINCSmall A26	Big Creek (Includes Sulfur Spring Creek)	2.98E+02	1.00E+00	2.34E-01	4.67E+01	4.65E+05	2.30E-01	2.20E-01
11/6/98 7:02	OINCSmall A26	Carter Creek	2.98E+02	1.00E+00	1.07E+02	1.07E+02	1.03E+06	2.30E-01	2.20E-01
11/6/98 7:03	OINCSmall A26	Dotz Creek	2.98E+02	1.00E+00	8.21E-01	1.64E+02	1.63E+06	2.30E-01	2.20E-01
11/6/98 7:04	OINCSmall A31	Nottaway River	2.98E+02	1.00E+00	5.53E+01	4.70E+02	4.35E+06	2.30E-01	2.20E-01
11/6/98 7:04	OINCSmall A31	Chowan River	2.98E+02	1.00E+00	4.50E+01	5.99E+02	5.54E+06	2.30E-01	2.20E-01
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	2.98E+02	1.00E+00	5.66E+00	7.54E+01	6.98E+05	2.30E-01	2.20E-01
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	2.98E+02	1.00E+00	1.50E+00	5.30E+00	3.80E+04	2.30E-01	2.20E-01
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	2.98E+02	1.00E+00	5.27E+00	1.47E+00	3.74E+04	2.30E-01	2.20E-01
11/6/98 7:08	OINCSmall A45	Greens Bayou	2.98E+02	1.00E+00	2.77E+01	7.02E+05	9.79E+01	2.30E-01	2.20E-01
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	2.98E+02	1.00E+00	1.10E+02	3.87E+02	2.77E+06	2.30E-01	2.20E-01
11/6/98 7:10	OINCSmall A46	Little Muskingum River	2.98E+02	1.00E+00	1.92E+00	3.84E+02	3.82E+06	2.30E-01	2.20E-01
11/6/98 7:10	OINCSmall A46	Ohio River	2.98E+02	1.00E+00	1.75E+00	3.49E+02	3.48E+06	2.30E-01	2.20E-01
11/6/98 7:11	OINCSmall A46	Middle Island Creek	2.98E+02	1.00E+00	2.40E+00	4.80E+02	4.77E+06	2.30E-01	2.20E-01
11/6/98 7:12	OINCSmall A47	Caney River	2.98E+02	1.00E+00	1.04E+02	7.21E+02	6.17E+06	2.30E-01	2.20E-01
11/6/98 7:13	OINCSmall A47	Sand Creek	2.98E+02	1.00E+00	4.66E+01	3.23E+02	2.77E+06	2.30E-01	2.20E-01
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	2.98E+02	1.00E+00	7.09E-01	4.92E+00	4.22E+04	2.30E-01	2.20E-01
11/6/98 7:15	OINCSmall A47	Lake Hudson	2.98E+02	1.00E+00	4.47E+00	3.10E+01	2.65E+05	2.30E-01	2.20E-01
11/6/98 7:16	OINCSmall A55	Mohawk River	2.98E+02	1.00E+00	7.98E+01	7.29E+02	6.49E+06	2.30E-01	2.20E-01
11/6/98 7:16	OINCSmall A55	Acipause Kill River	2.98E+02	1.00E+00	1.62E+01	1.49E+02	1.33E+06	2.30E-01	2.20E-01
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	2.98E+02	1.00E+00	2.98E+00	2.73E+01	2.43E+05	2.30E-01	2.20E-01
11/6/98 7:18	OINCSmall A55	Waterlief Reservoir	2.98E+02	1.00E+00	2.63E+01	2.42E+02	2.15E+06	2.30E-01	2.20E-01
11/6/98 7:19	OINCSmall B18	Gulf Intercoastal Waterway	2.98E+02	1.00E+00	4.61E+01	3.20E+02	2.74E+06	2.30E-01	2.20E-01
11/6/98 7:20	OINCSmall B18	Bayou La Butte	2.98E+02	1.00E+00	7.00E+00	4.86E+01	4.16E+05	2.30E-01	2.20E-01
11/6/98 7:21	OINCSmall B18	Mississippi River	2.98E+02	1.00E+00	1.58E+01	1.10E+02	9.39E+05	2.30E-01	2.20E-01
11/6/98 7:22	OINCSmall B18	Bayou Manchac	2.98E+02	1.00E+00	3.90E+01	2.71E+02	2.32E+06	2.30E-01	2.20E-01
11/6/98 7:22	OINCSmall B23	Hillbrandt Bayou	2.98E+02	1.00E+00	3.28E+01	1.16E+02	8.30E+05	2.30E-01	2.20E-01
11/6/98 7:23	OINCSmall B23	Cow Bayou	2.98E+02	1.00E+00	2.89E+01	1.02E+02	7.20E+05	2.30E-01	2.20E-01
11/6/98 7:24	OINCSmall B23	Neches River	2.98E+02	1.00E+00	2.81E+01	9.92E+01	7.11E+05	2.30E-01	2.20E-01
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	2.98E+02	1.00E+00	2.11E-01	7.45E-01	5.35E+03	2.30E-01	2.20E-01
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	2.98E+02	1.00E+00	4.40E+01	1.58E+02	1.12E+06	2.30E-01	2.20E-01
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	2.98E+02	1.00E+00	4.58E+01	1.62E+02	1.16E+06	2.30E-01	2.20E-01
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	2.98E+02	1.00E+00	4.94E+00	1.75E+01	1.25E+05	2.30E-01	2.20E-01
11/6/98 19:34	OINCSmall B31	Schuykill River	2.98E+02	1.00E+00	2.07E+02	7.30E+02	5.24E+06	2.30E-01	2.20E-01
11/6/98 7:29	OINCSmall B32	Cedar Bayou	2.98E+02	1.00E+00	7.56E+01	2.39E+02	1.63E+06	2.30E-01	2.20E-01
11/6/98 7:30	OINCSmall B32	Cary Bayou	2.98E+02	1.00E+00	4.32E+00	1.36E+01	9.31E+04	2.30E-01	2.20E-01
11/6/98 7:31	OINCSmall B32	Goose Creek	2.98E+02	1.00E+00	2.12E+01	6.70E+01	4.58E+05	2.30E-01	2.20E-01
11/6/98 7:32	OINCSmall B37	Arkansas River	2.98E+02	1.00E+00	1.52E+02	4.31E+02	2.79E+06	2.30E-01	2.20E-01
11/6/98 7:33	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	2.98E+02	1.00E+00	7.35E+01	2.08E+02	1.35E+06	2.30E-01	2.20E-01
11/6/98 7:34	OINCSmall B37	Yellow Lake	2.98E+02	1.00E+00	2.98E+00	8.95E+00	5.41E+04	2.30E-01	2.20E-01
11/6/98 7:35	OINCSmall B37	Lake Pine Bluff	2.98E+02	1.00E+00	3.90E+01	1.10E+02	7.15E+05	2.30E-01	2.20E-01
11/6/98 7:36	OINCSmall B44	Sheldon Reservoir	2.98E+02	1.00E+00	1.46E+00	5.17E+00	3.71E+04	2.30E-01	2.20E-01
11/6/98 7:36	OINCSmall B44	Greens Bayou	2.98E+02	1.00E+00	2.77E+01	9.79E+01	7.02E+05	2.30E-01	2.20E-01
11/6/98 7:37	OINCSmall B44	Buffalo Bayou	2.98E+02	1.00E+00	9.58E+01	3.38E+02	2.43E+06	2.30E-01	2.20E-01
11/6/98 7:38	OINCSmall B44	Hunting Bayou	2.98E+02	1.00E+00	1.38E+01	4.86E+01	3.48E+05	2.30E-01	2.20E-01
11/6/98 7:39	OINCSmall TOO	Rush Lake	2.98E+02	1.00E+00	6.23E+01	3.48E+02	2.86E+06	2.30E-01	2.20E-01
11/6/98 7:40	OINCSmall TOO	Box Elder Wash	2.98E+02	1.00E+00	2.31E+01	1.29E+02	1.06E+06	2.30E-01	2.20E-01

US EPA ARCHIVE DOCUMENT

Inputs Used for Std Emissions

calculated

Facility	Site	Waterbody	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km ²	Area, Including Impervious area km ²	Soil Volume (m ³)	Fraction Void Space	Soil Water content (L[water]/L[soil volume])
11/6/98 7:41	OINCSmall TOO	Blue Lakes	2.98E+02	1.00E+00	1.94E-01	1.08E+00	8.88E+03	2.30E-01	2.20E-01
11/6/98 7:42	OINCSmall TOO	Soldier Creek	2.98E+02	1.00E+00	6.91E+00	3.88E+01	3.17E+05	2.30E-01	2.20E-01

Inputs Used for Std Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk Density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 3:59	CINC	209	Lawsons Fork Creek	1.50E+00	2.44E-01	0.00E+00	2.71E-01	3.94E+05	1.07E+05	3.00E-02	3.94E+05	1.18E+04	6.20E-01
11/6/98 4:00	CINC	209	Tyger River	1.50E+00	4.02E-01	0.00E+00	3.84E-01	1.79E+06	6.89E+05	3.00E-02	1.79E+06	5.38E+04	6.20E-01
11/6/98 4:01	CINC	209	Fair Forest Creek	1.50E+00	2.96E-01	0.00E+00	2.01E-01	3.00E+05	6.04E+04	3.00E-02	3.00E+05	9.01E+03	6.20E-01
11/6/98 4:01	CINC	209	Middle Tyger River	1.50E+00	3.38E-01	0.00E+00	2.23E-01	2.06E+05	4.58E+04	3.00E-02	2.06E+05	6.17E+03	6.20E-01
11/6/98 4:02	CINC	214	Fish Ponds	1.50E+00	NA	1.00E+00	4.00E+00	2.99E+06	1.22E+07	3.00E-02	2.99E+06	8.97E+04	6.20E-01
11/6/98 4:03	CINC	214	Lake Clause	1.50E+00	NA	1.00E+00	4.00E+00	2.11E+05	8.44E+05	3.00E-02	2.11E+05	6.33E+03	6.20E-01
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	1.50E+00	NA	1.00E+00	4.00E+00	8.95E+05	3.58E+06	3.00E-02	8.95E+05	2.68E+04	6.20E-01
11/6/98 4:04	CINC	214	Comite River	1.50E+00	4.91E-01	0.00E+00	3.47E-01	4.24E+05	1.47E+05	3.00E-02	4.24E+05	1.27E+04	6.20E-01
11/6/98 4:05	CINC	221	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.56E+06	3.00E-02	1.89E+06	5.67E+04	6.20E-01
11/6/98 4:06	CINC	221	Sheldon Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	2.12E+07	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 4:07	CINC	221	San Jacinto River /Houston Lake	1.50E+00	5.61E-01	0.00E+00	3.51E-01	1.71E+07	5.99E+06	3.00E-02	1.71E+07	5.12E+05	6.20E-01
11/6/98 4:07	CINC	324	Shades Creek	1.50E+00	4.02E-01	0.00E+00	2.13E-01	4.90E+05	1.04E+05	3.00E-02	4.90E+05	1.47E+04	6.20E-01
11/6/98 4:08	CINC	324	Valley Creek	1.50E+00	4.66E-01	0.00E+00	4.39E-01	9.98E+05	4.21E+05	3.00E-02	9.98E+05	2.87E+04	6.20E-01
11/6/98 4:09	CINC	324	Bayview Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.67E+06	6.67E+06	3.00E-02	1.67E+06	5.00E+04	6.20E-01
11/6/98 4:10	CINC	324	Cahaba River	1.50E+00	4.21E-01	0.00E+00	4.60E-01	7.28E+05	3.35E+05	3.00E-02	7.28E+05	2.18E+04	6.20E-01
11/6/98 4:10	CINC	325	Big Hill Creek	1.50E+00	1.68E-01	0.00E+00	6.10E-02	1.71E+05	1.04E+04	3.00E-02	1.71E+05	5.14E+03	6.20E-01
11/6/98 4:11	CINC	325	Potato Creek	1.50E+00	1.13E-01	0.00E+00	2.40E-02	1.55E+04	3.72E+02	3.00E-02	1.55E+04	4.65E+02	6.20E-01
11/6/98 4:12	CINC	325	Claymore Creek	1.50E+00	5.58E-01	0.00E+00	3.25E-01	1.65E+05	5.39E+04	3.00E-02	1.65E+05	4.95E+03	6.20E-01
11/6/98 4:13	CINC	325	Verdigris River	1.50E+00	6.37E-01	0.00E+00	1.89E-01	2.09E+06	3.95E+05	3.00E-02	2.09E+06	6.26E+04	6.20E-01
11/6/98 4:14	CINC	331	Rocky River	1.50E+00	6.40E-01	0.00E+00	5.40E-01	1.10E+06	5.92E+05	3.00E-02	1.10E+06	3.29E+04	6.20E-01
11/6/98 4:14	CINC	331	East Branch Black River	1.50E+00	6.10E-01	0.00E+00	4.70E-01	5.19E+05	2.44E+05	3.00E-02	5.19E+05	1.56E+04	6.20E-01
11/6/98 4:15	CINC	331	Wyleswood Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.69E+04	1.88E+05	3.00E-02	4.69E+04	1.41E+03	6.20E-01
11/6/98 4:16	CINC	331	Baldwin Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.26E+05	5.06E+05	3.00E-02	1.26E+05	3.79E+03	6.20E-01
11/6/98 4:17	CINC	359	Kentucky River	1.50E+00	8.96E-01	0.00E+00	9.57E-01	2.51E+06	2.40E+06	3.00E-02	2.51E+06	7.52E+04	6.20E-01
11/6/98 4:17	CINC	359	Indian Creek	1.50E+00	3.78E-01	0.00E+00	7.90E-02	1.05E+05	8.32E+03	3.00E-02	1.05E+05	3.16E+03	6.20E-01
11/6/98 4:18	CINC	359	Indian Kentucky Creek	1.50E+00	1.98E-01	0.00E+00	1.37E-01	1.08E+05	1.48E+04	3.00E-02	1.08E+05	3.24E+03	6.20E-01
11/6/98 4:19	CINC	359	Ohio River	1.50E+00	1.17E+00	0.00E+00	5.17E+00	1.99E+07	1.03E+08	3.00E-02	1.99E+07	5.98E+05	6.20E-01
11/6/98 4:20	CINC	A15	Tonawanda Creek	1.50E+00	4.60E-01	0.00E+00	3.11E-01	1.65E+06	5.13E+05	3.00E-02	1.65E+06	4.95E+04	6.20E-01
11/6/98 4:20	CINC	A15	Murder Creek	1.50E+00	2.01E-01	0.00E+00	5.79E-02	9.71E+02	5.62E+03	3.00E-02	9.71E+04	2.91E+03	6.20E-01
11/6/98 4:21	CINC	A15	Ellicott Creek	1.50E+00	3.60E-01	0.00E+00	2.07E-01	5.74E+05	1.19E+05	3.00E-02	5.74E+05	1.72E+04	6.20E-01
11/6/98 4:22	CINC	A18	Taylor Bayou	1.50E+00	6.10E-01	0.00E+00	4.70E-01	4.10E+05	1.93E+05	3.00E-02	4.10E+05	1.23E+04	6.20E-01
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	1.50E+00	4.60E-01	0.00E+00	1.80E-01	1.21E+05	2.17E+04	3.00E-02	1.21E+05	3.62E+03	6.20E-01
11/6/98 4:23	CINC	A18	Viterbo Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	6.36E+05	2.54E+06	3.00E-02	6.36E+05	1.91E+04	6.20E-01
11/6/98 4:24	CINC	CAL	Tennessee River	1.50E+00	1.58E+00	0.00E+00	1.81E+00	6.13E+06	1.11E+07	3.00E-02	6.13E+06	1.84E+05	6.20E-01
11/6/98 4:25	CINC	CAL	Kentucky Lake	1.50E+00	NA	1.00E+00	4.00E+00	5.59E+07	2.24E+08	3.00E-02	5.59E+07	1.68E+06	6.20E-01
11/6/98 4:26	CINC	CAL	Barkley Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.54E+07	1.42E+08	3.00E-02	3.54E+07	1.06E+06	6.20E-01
11/6/98 4:26	CINC	CAL	Cumberland River	1.50E+00	1.27E+00	0.00E+00	3.95E-01	6.69E+06	6.26E+06	3.00E-02	6.69E+06	2.01E+05	6.20E-01
11/6/98 4:27	CINC	ELD	Flat Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.53E+05	5.21E+04	3.00E-02	1.53E+05	4.59E+03	6.20E-01
11/6/98 4:28	CINC	ELD	Salt Creek	1.50E+00	5.50E-01	0.00E+00	1.68E-01	1.46E+05	2.44E+04	3.00E-02	1.46E+05	4.37E+03	6.20E-01
11/6/98 4:29	CINC	ELD	Calton Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.95E+06	7.78E+06	3.00E-02	1.95E+06	5.84E+04	6.20E-01
11/6/98 4:29	CINC	ELD	Ouachita River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	1.87E+06	3.09E+06	3.00E-02	1.87E+06	5.62E+04	6.20E-01
11/6/98 4:30	CINC	SAU	Horseshoe Lake	1.50E+00	NA	1.00E+00	4.00E+00	9.06E+06	3.62E+07	3.00E-02	9.06E+06	2.72E+05	6.20E-01
11/6/98 4:31	CINC	SAU	Old Catahoula Creek	1.50E+00	4.60E-01	0.00E+00	1.90E-01	4.05E+03	2.25E+03	3.00E-02	4.05E+03	1.25E+02	6.20E-01
11/6/98 4:32	CINC	SAU	Mississippi River	1.50E+00	1.74E+00	0.00E+00	1.19E+01	2.62E+07	3.13E+08	3.00E-02	2.62E+07	7.86E+05	6.20E-01
11/6/98 4:33	CK	202	Elk City Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.28E+07	5.13E+07	3.00E-02	1.28E+07	3.85E+05	6.20E-01
11/6/98 4:34	CK	202	Montgomery County State Park Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.58E+05	1.43E+06	3.00E-02	3.58E+05	1.08E+04	6.20E-01
11/6/98 4:35	CK	202	Verdigris River	1.50E+00	8.20E-01	0.00E+00	1.25E+00	3.27E+06	4.09E+06	3.00E-02	3.27E+06	9.82E+04	6.20E-01
11/6/98 4:36	CK	203	Catalpa Creek	1.50E+00	5.96E-01	0.00E+00	4.05E-01	5.19E+05	2.10E+05	3.00E-02	5.19E+05	1.56E+04	6.20E-01
11/6/98 4:37	CK	203	Wilmer Creek	1.50E+00	1.71E-01	0.00E+00	1.71E-01	2.12E+04	3.71E+04	3.00E-02	2.12E+04	6.31E+03	6.20E-01
11/6/98 4:37	CK	203	N. Branch Magowah Creek	1.50E+00	5.58E-01	0.00E+00	3.26E-01	1.61E+05	5.26E+04	3.00E-02	1.61E+05	4.84E+03	6.20E-01
11/6/98 4:38	CK	203	Shotbag Creek	1.50E+00	5.58E-01	0.00E+00	3.26E-01	1.78E+05	5.82E+04	3.00E-02	1.78E+05	5.35E+03	6.20E-01
11/6/98 4:39	CK	204	Bay Creek	1.50E+00	5.80E-01	0.00E+00	4.00E-01	2.73E+05	1.09E+05	3.00E-02	2.73E+05	8.19E+03	6.20E-01
11/6/98 4:40	CK	204	Little Calumet Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	8.87E+04	3.01E+04	3.00E-02	8.87E+04	2.66E+03	6.20E-01
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.58E+05	1.83E+06	3.00E-02	4.58E+05	1.37E+04	6.20E-01
11/6/98 4:41	CK	204	Mississippi River	1.50E+00	1.46E+00	0.00E+00	6.92E+00	1.52E+07	1.04E+08	3.00E-02	1.52E+07	4.56E+05	6.20E-01
11/6/98 4:42	CK	302	Maumee River	1.50E+00	7.90E-01	0.00E+00	1.11E+00	2.99E+06	3.32E+06	3.00E-02	2.99E+06	8.97E+04	6.20E-01
11/6/98 4:43	CK	302	Auglaize River	1.50E+00	8.20E-01	0.00E+00	1.25E+00	1.04E+06	1.30E+06	3.00E-02	1.04E+06	3.12E+04	6.20E-01
11/6/98 4:43	CK	302	Six Mile Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.99E+05	6.77E+04	3.00E-02	1.99E+05	5.98E+03	6.20E-01
11/6/98 4:44	CK	304	Big Walnut Creek	1.50E+00	3.96E-01	0.00E+00	1.34E-01	2.60E+06	3.49E+05	3.00E-02	2.60E+06	7.80E+04	6.20E-01
11/6/98 4:45	CK	304	Glenn Flint Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.31E+06	5.26E+06	3.00E-02	1.31E+06	3.94E+04	6.20E-01
11/6/98 4:46	CK	304	Deer Creek	1.50E+00	2.90E-01	0.00E+00	1.01E-01	1.86E+06	1.88E+06	3.00E-02	1.86E+06	5.57E+04	6.20E-01
11/6/98 4:47	CK	320	Mud Davis Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.87E+06	1.55E+07	3.00E-02	3.87E+06	1.16E+05	6.20E-01
11/6/98 4:47	CK	320	Thunder Bay River	1.50E+00	4.97E-01	0.00E+00	4.69E-01	6.05E+06	2.84E+06	3.00E-02	6.05E+06	1.82E+05	6.20E-01
11/6/98 4:48	CK	320	Long Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.90E+07	7.59E+07	3.00E-02	1.90E+07	5.69E+05	6.20E-01
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	1.50E+00	9.40E-01	0.00E+00	2.04E+00	3.32E+06	6.77E+06	3.00E-02	3.32E+06	9.96E+04	6.20E-01
11/6/98 4:50	CK	321	Powell Creek	1.50E+00	7.00E-01	0.00E+00	6.70E-01	2.92E+05	1.96E+05	3.00E-02	2.92E+05	8.77E+03	6.20E-01
11/6/98 4:50	CK	321	Lake Demopolis	1.50E+00	NA	1.00E+00	4.00E+00	4.28E+07	1.71E+08	3.00E-02	4.28E+07	1.28E+06	6.20E-01
11/6/98 4:51	CK	321	Lake Henry	1.50E+00	NA	1.00E+00	4.00E+00	4.81E+05	1.20E+06	3.00E-02	4.81E+05	1.20E+04	6.20E-01
11/6/98 4:52	CK	BAT	Monocacy Creek	1.50E+00	5.40E-01	0.00E+00	2.90E-01	1.11E+06	3.21E+05	3.00E-02	1.11E+06	3.32E+04	6.20E-01
11/6/98 4:53	CK	BAT	Lehigh River	1.50E+00	8.38E-								

Inputs Used for Std Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk Density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 5:07	CK	TEX	Waxahachie Creek	1.50E+00	1.13E-01	0.00E+00	1.01E-01	1.02E+05	1.03E+04	3.00E-02	1.02E+05	3.06E+03	6.20E-01
11/6/98 5:08	CK	WAM	Conoquenessing Creek	1.50E+00	7.09E-01	0.00E+00	7.16E-01	3.00E+02	5.06E+05	3.00E-02	7.06E+05	2.12E+04	6.20E-01
11/6/98 5:09	CK	WAM	Hereford Manor Lake	1.50E+00	n/a	1.00E+00	4.00E+00	1.88E+05	7.54E+05	3.00E-02	1.88E+05	5.65E+03	6.20E-01
11/6/98 5:10	CK	WAM	Beaver River	1.50E+00	7.92E-01	0.00E+00	1.37E+00	1.16E+06	1.59E+06	3.00E-02	1.16E+06	3.47E+04	6.20E-01
11/6/98 5:10	CK	WAM	Slippery Rock Creek	1.50E+00	6.52E-01	0.00E+00	1.14E+00	1.94E+06	2.10E+06	3.00E-02	1.94E+06	5.52E+04	6.20E-01
11/6/98 5:12	LWAK	ARV	James River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.43E+06	5.66E+06	3.00E-02	3.43E+06	1.03E+05	6.20E-01
11/6/98 5:13	LWAK	ARV	Sports Lake	1.50E+00	N/A	1.00E+00	4.00E+00	2.76E+05	1.10E+06	3.00E-02	2.76E+05	8.28E+03	6.20E-01
11/6/98 5:14	LWAK	ARV	Holman Creek	1.50E+00	4.60E-01	0.00E+00	1.80E-01	3.68E+04	6.62E+03	3.00E-02	3.68E+04	1.10E+03	6.20E-01
11/6/98 5:14	LWAK	ARV	Rivanna River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.30E+06	8.74E+05	3.00E-02	1.30E+06	3.91E+04	6.20E-01
11/6/98 5:15	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.71E+04	1.03E+04	3.00E-02	5.71E+04	1.71E+03	6.20E-01
11/6/98 5:16	LWAK	BRO	McNeely Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.11E+05	1.25E+06	3.00E-02	3.11E+05	9.34E+03	6.20E-01
11/6/98 5:17	LWAK	BRO	Silver Lake	1.50E+00	NA	1.00E+00	4.00E+00	5.12E+04	2.05E+05	3.00E-02	5.12E+04	1.54E+03	6.20E-01
11/6/98 5:18	LWAK	BRO	Salt River (includes Floyd's Fork)	1.50E+00	7.90E-01	0.00E+00	1.11E+00	3.51E+06	3.89E+06	3.00E-02	3.51E+06	1.05E+05	6.20E-01
11/6/98 5:18	LWAK	CAS	Cascade Creek	1.50E+00	5.60E-01	0.00E+00	7.25E-01	4.14E+05	3.00E+05	3.00E-02	4.14E+05	1.24E+04	6.20E-01
11/6/98 5:19	LWAK	CAS	Smith River	1.50E+00	4.11E-01	0.00E+00	5.27E-01	1.44E+06	7.58E+05	3.00E-02	1.44E+06	4.32E+04	6.20E-01
11/6/98 5:20	LWAK	CAS	Dan River	1.50E+00	5.21E-01	0.00E+00	3.30E-01	4.69E+06	1.55E+06	3.00E-02	4.69E+06	1.41E+05	6.20E-01
11/6/98 5:21	LWAK	COH	Troy Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.78E+05	7.11E+05	3.00E-02	1.78E+05	5.33E+03	6.20E-01
11/6/98 5:22	LWAK	COH	Hudson River	1.50E+00	9.69E-01	0.00E+00	1.59E+00	1.27E+07	2.03E+07	3.00E-02	1.27E+07	3.82E+05	6.20E-01
11/6/98 5:22	LWAK	COH	Mohawk River	1.50E+00	7.50E-01	0.00E+00	6.00E-01	1.61E+07	9.66E+06	3.00E-02	1.61E+07	4.83E+05	6.20E-01
11/6/98 5:23	LWAK	COH	Tomahannock Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	7.03E+06	2.81E+07	3.00E-02	7.03E+06	2.11E+05	6.20E-01
11/6/98 5:24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.50E+00	7.60E-01	0.00E+00	9.60E-01	1.96E+06	1.88E+06	3.00E-02	1.96E+06	5.89E+04	6.20E-01
11/6/98 5:25	LWAK	NOR	Long Lake/Creek	1.50E+00	NA	1.00E+00	4.00E+00	5.99E+05	2.39E+06	3.00E-02	5.99E+05	1.80E+04	6.20E-01
11/6/98 5:26	LWAK	NOR	Lake Tillery	1.50E+00	NA	1.00E+00	4.00E+00	1.88E+07	7.50E+07	3.00E-02	1.88E+07	5.63E+05	6.20E-01
11/6/98 5:27	ONCLarge	334	Mississippi River	1.50E+00	1.01E+00	0.00E+00	1.71E+00	2.92E+07	5.00E+07	3.00E-02	2.92E+07	8.78E+05	6.20E-01
11/6/98 5:28	ONCLarge	334	Vermilion River	1.50E+00	2.74E-01	0.00E+00	2.50E-01	1.68E+06	4.21E+05	3.00E-02	1.68E+06	5.05E+04	6.20E-01
11/6/98 5:29	ONCLarge	334	Colty Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.49E+05	1.80E+06	3.00E-02	4.49E+05	1.35E+04	6.20E-01
11/6/98 5:30	ONCLarge	334	Lake Isabelle	1.50E+00	NA	1.00E+00	4.00E+00	3.32E+05	1.33E+06	3.00E-02	3.32E+05	9.97E+03	6.20E-01
11/6/98 5:30	ONCLarge	463	Blue River	1.50E+00	2.74E-01	0.00E+00	5.36E-01	5.52E+05	2.96E+05	3.00E-02	5.52E+05	1.66E+04	6.20E-01
11/6/98 5:32	ONCLarge	463	Rock Creek	1.50E+00	4.60E-01	0.00E+00	1.70E-01	5.89E+04	1.00E+04	3.00E-02	5.89E+04	1.77E+03	6.20E-01
11/6/98 5:33	ONCLarge	463	Shoal Creek	1.50E+00	7.00E-02	0.00E+00	1.37E-01	8.92E+04	1.22E+04	3.00E-02	8.92E+04	2.68E+03	6.20E-01
11/6/98 5:34	ONCLarge	463	Missouri River	1.50E+00	1.06E+00	0.00E+00	1.94E+00	1.10E+07	1.12E+07	3.00E-02	1.10E+07	3.29E+05	6.20E-01
11/6/98 5:35	ONCLarge	464	Ottawa River	1.50E+00	3.72E-01	0.00E+00	1.48E+00	1.27E+06	1.87E+06	3.00E-02	1.27E+06	3.80E+04	6.20E-01
11/6/98 5:36	ONCLarge	464	Twin Lakes Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.33E+04	2.13E+05	3.00E-02	5.33E+04	1.60E+03	6.20E-01
11/6/98 5:37	ONCLarge	464	Matzger/Ferguson Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.84E+06	7.36E+06	3.00E-02	1.84E+06	5.52E+04	6.20E-01
11/6/98 5:38	ONCLarge	504	Pennsauken Creek	1.50E+00	2.07E-01	0.00E+00	2.29E-01	9.73E+04	2.23E+04	3.00E-02	9.73E+04	2.92E+03	6.20E-01
11/6/98 5:39	ONCLarge	504	Darby Creek	1.50E+00	2.96E-01	0.00E+00	1.58E-01	1.76E+05	2.78E+04	3.00E-02	1.76E+05	5.29E+03	6.20E-01
11/6/98 5:40	ONCLarge	504	Cooper River Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.40E+05	1.76E+06	3.00E-02	4.40E+05	1.32E+04	6.20E-01
11/6/98 5:41	ONCLarge	504	Schuykill River	1.50E+00	7.65E-01	0.00E+00	5.79E-01	7.43E+05	4.30E+05	3.00E-02	7.43E+05	2.23E+04	6.20E-01
11/6/98 5:42	ONCLarge	600	Lake Jackson	1.50E+00	NA	1.00E+00	4.00E+00	1.64E+06	6.54E+06	3.00E-02	1.64E+06	4.91E+04	6.20E-01
11/6/98 5:43	ONCLarge	600	Oyster Creek	1.50E+00	4.75E-01	0.00E+00	2.62E-01	1.11E+06	2.90E+05	3.00E-02	1.11E+06	3.32E+04	6.20E-01
11/6/98 5:44	ONCLarge	600	Brazos River	1.50E+00	7.83E-01	0.00E+00	1.66E+00	4.66E+06	8.08E+06	3.00E-02	4.66E+06	1.46E+05	6.20E-01
11/6/98 5:45	ONCLarge	711	Brechtel Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.41E+05	5.64E+05	3.00E-02	1.41E+05	4.23E+03	6.20E-01
11/6/98 5:45	ONCLarge	711	Mississippi River	1.50E+00	2.23E+00	0.00E+00	6.00E+00	6.55E+07	6.98E+08	3.00E-02	6.55E+07	6.98E+07	6.20E-01
11/6/98 5:47	ONCLarge	806	Wolf Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.51E+06	1.40E+07	3.00E-02	3.51E+06	1.05E+05	6.20E-01
11/6/98 5:48	ONCLarge	806	Lake George	1.50E+00	NA	1.00E+00	4.00E+00	5.29E+05	2.12E+06	3.00E-02	5.29E+05	1.59E+04	6.20E-01
11/6/98 5:50	ONCLarge	806	Little Calumet River	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.61E+05	1.91E+05	3.00E-02	5.61E+05	1.68E+04	6.20E-01
11/6/98 5:51	ONCLarge	806	Grand Calumet River	1.50E+00	4.90E-01	0.00E+00	2.30E-01	1.75E+05	4.02E+04	3.00E-02	1.75E+05	5.24E+03	6.20E-01
11/6/98 5:52	ONCLarge	915	Genesee River	1.50E+00	7.32E-01	0.00E+00	5.12E-01	1.08E+06	5.55E+05	3.00E-02	1.08E+06	3.25E+04	6.20E-01
11/6/98 5:53	ONCLarge	915	Irondequoit Bay	1.50E+00	NA	1.00E+00	4.00E+00	2.75E+06	6.88E+07	3.00E-02	2.75E+06	6.98E+05	6.20E-01
11/6/98 5:54	ONCLarge	915	Highland Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	2.29E+04	9.14E+04	3.00E-02	2.29E+04	6.86E+02	6.20E-01
11/6/98 5:55	ONCLarge	A32	Armand Bayou	1.50E+00	3.20E-01	0.00E+00	1.65E-01	8.10E+04	1.34E+04	3.00E-02	8.10E+04	2.43E+03	6.20E-01
11/6/98 5:56	ONCLarge	A43	Twelvemile Creek	1.50E+00	2.13E-01	0.00E+00	9.10E-02	7.23E+04	6.58E+03	3.00E-02	7.23E+04	2.17E+03	6.20E-01
11/6/98 5:57	ONCLarge	A43	Bergholtz Creek	1.50E+00	4.58E-01	0.00E+00	1.71E-01	7.57E+04	1.29E+04	3.00E-02	7.57E+04	2.27E+03	6.20E-01
11/6/98 5:57	ONCLarge	A43	Cuyaga Creek	1.50E+00	3.87E-01	0.00E+00	2.50E-01	1.37E+05	3.41E+04	3.00E-02	1.37E+05	4.10E+03	6.20E-01
11/6/98 5:58	ONCLarge	A43	Niagara River	1.50E+00	7.71E-01	0.00E+00	8.75E-01	2.17E+06	1.90E+06	3.00E-02	2.17E+06	6.51E+04	6.20E-01
11/6/98 5:59	ONCLarge	A50	Carpenters Bayou	1.50E+00	2.74E-01	0.00E+00	1.43E-01	1.44E+05	2.06E+04	3.00E-02	1.44E+05	4.32E+03	6.20E-01
11/6/98 6:00	ONCLarge	A50	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.56E+06	3.00E-02	1.89E+06	5.67E+04	6.20E-01
11/6/98 6:01	ONCLarge	A50	Buffalo Bayou	1.50E+00	6.46E-01	0.00E+00	1.20E+00	1.84E+06	2.20E+06	3.00E-02	1.84E+06	5.53E+04	6.20E-01
11/6/98 6:01	ONCLarge	A50	San Jacinto River	1.50E+00	5.61E-01	0.00E+00	3.51E-01	7.56E+05	2.65E+05	3.00E-02	7.56E+05	2.27E+04	6.20E-01
11/6/98 6:02	ONCLarge	A62	Caney Creek	1.50E+00	2.65E-01	0.00E+00	1.40E-01	3.95E+05	5.54E+04	3.00E-02	3.95E+05	1.19E+04	6.20E-01
11/6/98 6:03	ONCLarge	A62	E & W Fork Crystal Cr.	1.50E+00	7.80E-01	0.00E+00	3.75E-01	3.41E+05	1.28E+05	3.00E-02	3.41E+05	1.02E+04	6.20E-01
11/6/98 6:04	ONCLarge	A62	Stewarts Creek	1.50E+00	2.16E-01	0.00E+00	9.45E-02	1.05E+05	9.87E+03	3.00E-02	1.05E+05	3.14E+03	6.20E-01
11/6/98 6:05	ONCLarge	A62	Lewis Creek Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.75E+06	7.01E+06	3.00E-02	1.75E+06	5.26E+04	6.20E-01
11/6/98 6:05	ONCLarge	B20	Cuyahoga River	1.50E+00	7.30E-01	0.00E+00	8.20E-01	8.47E+05	6.95E+05	3.00E-02	8.47E+05	2.54E+04	6.20E-01
11/6/98 6:06	ONCLarge	B20	Upper and Lower Shaker Lake	1.50E+00	NA	1.00E+00	4.00E+00	9.43E+04	3.77E+05	3.00E-02	9.43E+04	2.83E+03	6.20E-01
11/6/98 6:07	ONCLarge	B20	Euclid Creek	1.50E+00	4.90E-01	0.00E+00	2.30E-01	1.11E+05	2.55E+04	3.00E-02	1.11E+05	3.33E+03	6.20E-01
11/6/98 6:08	ONCLarge	B20	Fairmont Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	2.77E+04	1.11E+05	3.00E-02	2.77E+04	8.30E+02	6.20E-01
11/6/98 6:10	ONCLarge	HAN	Fabus River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.42E+06	4.95E+05	3.00E-02	1.42E+06	4.25E+04	6.20E-01
11/6/98 6:10	ONCLarge	HAN	Spring Lake	1.50E+00	NA	1.00E+00	4.00E+00	2.73E+04	1.08E+05	3.00E-02	2.73E+04	8.18E+02	

Inputs Used for Std Emissions

Facility	Site	Waterbody	Soil Bulk Density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])
11/6/98 6:26	OINCSmall	340	1.50E+00	5.60E-01	0.00E+00	3.30E-01	1.48E+05	4.88E+04	3.00E-02	1.48E+05	4.43E+03	6.20E-01
11/6/98 6:27	OINCSmall	340	1.50E+00	3.26E-01	0.00E+00	5.21E-01	6.50E+05	3.38E+05	3.00E-02	6.50E+05	1.95E+04	6.20E-01
11/6/98 6:28	OINCSmall	340	1.50E+00	8.17E-01	0.00E+00	3.10E+00	1.32E+07	4.08E+07	3.00E-02	1.32E+07	3.96E+05	6.20E-01
11/6/98 6:29	OINCSmall	342	1.50E+00	5.21E-01	0.00E+00	9.27E-01	2.47E+06	2.29E+06	3.00E-02	2.47E+06	7.40E+04	6.20E-01
11/6/98 6:30	OINCSmall	342	1.50E+00	NA	1.00E+00	4.00E+00	1.94E+05	5.74E+06	3.00E-02	4.94E+05	1.45E+04	6.20E-01
11/6/98 6:30	OINCSmall	342	1.50E+00	5.98E-01	0.00E+00	2.91E-01	3.06E+05	8.91E+04	3.00E-02	3.06E+05	9.18E+03	6.20E-01
11/6/98 6:31	OINCSmall	342	1.50E+00	2.56E-01	0.00E+00	2.77E-01	3.77E+05	1.04E+05	3.00E-02	3.77E+05	1.13E+04	6.20E-01
11/6/98 6:32	OINCSmall	453	1.50E+00	NA	1.00E+00	4.00E+00	1.90E+06	7.59E+06	3.00E-02	1.90E+06	5.69E+04	6.20E-01
11/6/98 6:33	OINCSmall	453	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.65E+04	1.02E+04	3.00E-02	5.65E+04	1.69E+03	6.20E-01
11/6/98 6:34	OINCSmall	453	1.50E+00	5.80E-01	0.00E+00	4.00E-01	4.09E+05	1.64E+05	3.00E-02	4.09E+05	1.23E+04	6.20E-01
11/6/98 6:35	OINCSmall	468	1.50E+00	5.80E-01	0.00E+00	3.70E-01	3.83E+05	1.42E+05	3.00E-02	3.83E+05	1.15E+04	6.20E-01
11/6/98 6:36	OINCSmall	468	1.50E+00	7.05E+00	0.00E+00	2.16E-01	1.17E+06	2.54E+04	3.00E-02	1.17E+06	3.52E+03	6.20E-01
11/6/98 6:36	OINCSmall	468	1.50E+00	7.56E-01	0.00E+00	5.79E-01	1.45E+06	8.42E+05	3.00E-02	1.45E+06	4.36E+04	6.20E-01
11/6/98 6:37	OINCSmall	468	1.50E+00	NA	1.00E+00	4.00E+00	5.33E+05	2.13E+06	3.00E-02	5.33E+05	1.60E+04	6.20E-01
11/6/98 6:38	OINCSmall	701	1.50E+00	9.14E-01	0.00E+00	8.50E-01	3.78E+06	3.22E+06	3.00E-02	3.78E+06	1.13E+05	6.20E-01
11/6/98 6:39	OINCSmall	701	1.50E+00	5.36E-01	0.00E+00	2.13E-01	2.25E+05	4.78E+04	3.00E-02	2.25E+05	6.74E+03	6.20E-01
11/6/98 6:40	OINCSmall	701	1.50E+00	4.79E-01	0.00E+00	3.54E-01	7.67E+05	2.71E+05	3.00E-02	7.67E+05	2.30E+04	6.20E-01
11/6/98 6:41	OINCSmall	704	1.50E+00	NA	1.00E+00	4.00E+00	1.17E+06	4.58E+05	3.00E-02	1.17E+06	3.51E+03	6.20E-01
11/6/98 6:41	OINCSmall	704	1.50E+00	NA	1.00E+00	4.00E+00	1.05E+05	5.43E+05	3.00E-02	1.05E+05	4.07E+03	6.20E-01
11/6/98 6:42	OINCSmall	704	1.50E+00	NA	1.00E+00	4.00E+00	2.97E+05	1.19E+06	3.00E-02	2.97E+05	8.92E+03	6.20E-01
11/6/98 6:43	OINCSmall	708	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.06E+05	1.72E+05	3.00E-02	5.06E+05	1.52E+04	6.20E-01
11/6/98 6:44	OINCSmall	708	1.50E+00	4.60E-01	0.00E+00	1.80E-01	6.38E+04	1.15E+04	3.00E-02	6.38E+04	1.91E+03	6.20E-01
11/6/98 6:45	OINCSmall	708	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.04E+06	6.98E+05	3.00E-02	1.04E+06	3.13E+04	6.20E-01
11/6/98 6:46	OINCSmall	725	1.50E+00	5.67E-01	0.00E+00	5.18E-01	1.06E+06	5.51E+07	3.00E-02	1.06E+06	3.19E+06	6.20E-01
11/6/98 6:47	OINCSmall	725	1.50E+00	NA	1.00E+00	4.00E+00	3.83E+05	1.53E+06	3.00E-02	3.83E+05	1.15E+04	6.20E-01
11/6/98 6:47	OINCSmall	725	1.50E+00	NA	1.00E+00	4.00E+00	1.05E+05	4.19E+05	3.00E-02	1.05E+05	3.15E+03	6.20E-01
11/6/98 6:48	OINCSmall	725	1.50E+00	3.72E-01	0.00E+00	4.60E-01	1.39E+08	6.39E+07	3.00E-02	1.39E+08	4.17E+06	6.20E-01
11/6/98 6:49	OINCSmall	824	1.50E+00	NA	1.00E+00	4.00E+00	3.91E+05	1.56E+06	3.00E-02	3.91E+05	1.17E+04	6.20E-01
11/6/98 6:50	OINCSmall	824	1.50E+00	2.01E-01	0.00E+00	2.01E-01	5.13E+04	1.03E+04	3.00E-02	5.13E+04	1.54E+03	6.20E-01
11/6/98 6:51	OINCSmall	824	1.50E+00	2.96E-01	0.00E+00	1.59E-01	1.45E+05	2.22E+04	3.00E-02	1.45E+05	4.34E+03	6.20E-01
11/6/98 6:52	OINCSmall	824	1.50E+00	7.56E-01	0.00E+00	5.79E-01	5.53E+05	3.20E+05	3.00E-02	5.53E+05	1.66E+04	6.20E-01
11/6/98 6:52	OINCSmall	904	1.50E+00	1.05E+00	0.00E+00	4.57E+00	9.20E+05	4.21E+06	3.00E-02	9.20E+05	2.76E+04	6.20E-01
11/6/98 6:53	OINCSmall	904	1.50E+00	7.10E-01	0.00E+00	9.51E-01	2.04E+06	1.94E+06	3.00E-02	2.04E+06	6.11E+04	6.20E-01
11/6/98 6:54	OINCSmall	906	1.50E+00	9.24E-01	0.00E+00	2.94E+00	1.41E+07	4.15E+07	3.00E-02	1.41E+07	4.23E+05	6.20E-01
11/6/98 6:55	OINCSmall	906	1.50E+00	3.11E-01	0.00E+00	2.74E-01	2.20E+05	6.02E+04	3.00E-02	2.20E+05	6.59E+03	6.20E-01
11/6/98 6:56	OINCSmall	906	1.50E+00	3.20E-01	0.00E+00	2.83E-01	2.75E+05	7.77E+04	3.00E-02	2.75E+05	8.24E+03	6.20E-01
11/6/98 6:57	OINCSmall	906	1.50E+00	5.60E-01	0.00E+00	3.30E-01	2.94E+05	9.71E+04	3.00E-02	2.94E+05	8.93E+03	6.20E-01
11/6/98 6:58	OINCSmall	A14	1.50E+00	3.20E-01	0.00E+00	2.93E-01	5.57E+05	1.63E+05	3.00E-02	5.57E+05	1.67E+04	6.20E-01
11/6/98 6:58	OINCSmall	A14	1.50E+00	5.60E-01	0.00E+00	3.30E-01	3.01E+05	9.94E+04	3.00E-02	3.01E+05	9.04E+03	6.20E-01
11/6/98 6:59	OINCSmall	A14	1.50E+00	2.23E+00	0.00E+00	6.68E+00	6.07E+07	4.04E+08	3.00E-02	6.07E+07	1.82E+06	6.20E-01
11/6/98 7:00	OINCSmall	A14	1.50E+00	6.60E-01	0.00E+00	5.60E-01	2.84E+05	3.00E-02	2.84E+05	8.53E+03	1.59E+05	6.20E-01
11/6/98 7:01	OINCSmall	A26	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.86E+04	1.05E+04	3.00E-02	5.86E+04	1.76E+03	6.20E-01
11/6/98 7:02	OINCSmall	A26	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.69E+05	5.79E+04	3.00E-02	1.69E+05	5.08E+03	6.20E-01
11/6/98 7:03	OINCSmall	A26	1.50E+00	7.00E-01	0.00E+00	6.70E-01	8.75E+05	5.86E+05	3.00E-02	8.75E+05	2.62E+04	6.20E-01
11/6/98 7:04	OINCSmall	A31	1.50E+00	7.90E-01	0.00E+00	1.11E+00	2.35E+06	2.61E+06	3.00E-02	2.35E+06	7.06E+04	6.20E-01
11/6/98 7:04	OINCSmall	A31	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.45E+06	5.69E+06	3.00E-02	3.45E+06	1.03E+05	6.20E-01
11/6/98 7:05	OINCSmall	A31	1.50E+00	5.50E-01	0.00E+00	3.40E-01	2.44E+05	8.29E+04	3.00E-02	2.44E+05	7.32E+03	6.20E-01
11/6/98 7:06	OINCSmall	A45	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	2.12E+07	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 7:07	OINCSmall	A45	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.59E+06	3.00E-02	1.89E+06	5.40E+04	6.20E-01
11/6/98 7:08	OINCSmall	A45	1.50E+00	5.20E-01	0.00E+00	2.80E-01	4.71E+05	1.32E+05	3.00E-02	4.71E+05	1.41E+04	6.20E-01
11/6/98 7:09	OINCSmall	A45	1.50E+00	6.70E-01	0.00E+00	6.00E-01	6.06E+05	3.64E+05	3.00E-02	6.06E+05	1.82E+04	6.20E-01
11/6/98 7:10	OINCSmall	A46	1.50E+00	6.40E-01	0.00E+00	5.40E-01	4.31E+05	2.33E+05	3.00E-02	4.31E+05	1.29E+04	6.20E-01
11/6/98 7:10	OINCSmall	A46	1.50E+00	1.16E+00	0.00E+00	4.22E+00	8.49E+06	3.58E+07	3.00E-02	8.49E+06	2.55E+05	6.20E-01
11/6/98 7:11	OINCSmall	A46	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.61E+06	1.08E+06	3.00E-02	1.61E+06	4.82E+04	6.20E-01
11/6/98 7:12	OINCSmall	A47	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.80E+06	1.21E+06	3.00E-02	1.80E+06	5.40E+04	6.20E-01
11/6/98 7:13	OINCSmall	A47	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.07E+05	1.72E+05	3.00E-02	5.07E+05	1.52E+04	6.20E-01
11/6/98 7:14	OINCSmall	A47	1.50E+00	NA	1.00E+00	4.00E+00	1.65E+05	6.58E+05	3.00E-02	1.65E+05	4.94E+03	6.20E-01
11/6/98 7:15	OINCSmall	A47	1.50E+00	NA	1.00E+00	4.00E+00	1.13E+06	4.54E+06	3.00E-02	1.13E+06	3.40E+04	6.20E-01
11/6/98 7:16	OINCSmall	A55	1.50E+00	7.68E-01	0.00E+00	7.71E-01	2.71E+06	2.09E+06	3.00E-02	2.71E+06	8.14E+04	6.20E-01
11/6/98 7:16	OINCSmall	A55	1.50E+00	2.96E-01	0.00E+00	1.83E-01	1.70E+05	3.11E+04	3.00E-02	1.70E+05	5.10E+03	6.20E-01
11/6/98 7:17	OINCSmall	A55	1.50E+00	NA	1.00E+00	4.00E+00	1.72E+06	6.89E+06	3.00E-02	1.72E+06	5.16E+04	6.20E-01
11/6/98 7:18	OINCSmall	A55	1.50E+00	NA	1.00E+00	4.00E+00	1.60E+06	6.41E+06	3.00E-02	1.60E+06	4.81E+04	6.20E-01
11/6/98 7:19	OINCSmall	B18	1.50E+00	4.36E-01	0.00E+00	5.67E-01	1.46E+06	8.29E+05	3.00E-02	1.46E+06	4.39E+04	6.20E-01
11/6/98 7:20	OINCSmall	B18	1.50E+00	5.60E-01	0.00E+00	3.30E-01	9.79E+04	3.23E+04	3.00E-02	9.79E+04	2.94E+03	6.20E-01
11/6/98 7:21	OINCSmall	B18	1.50E+00	2.23E+00	0.00E+00	6.64E+00	6.51E+07	4.32E+08	3.00E-02	6.51E+07	1.95E+06	6.20E-01
11/6/98 7:22	OINCSmall	B18	1.50E+00	2.01E-01	0.00E+00	2.26E-01	1.74E+05	3.93E+04	3.00E-02	1.74E+05	5.22E+03	6.20E-01
11/6/98 7:22	OINCSmall	B23	1.50E+00	3.47E-01	0.00E+00	3.90E-01	3.26E+05	1.27E+05	3.00E-02	3.26E+05	9.78E+03	6.20E-01
11/6/98 7:23	OINCSmall	B23	1.50E+00	4.21E-01	0.00E+00	2.77E-01	3.80E+05	3.80E+05	3.00E-02	3.80E+05	1.14E+04	6.20E-01
11/6/98 7:24	OINCSmall	B23	1.50E+00	8.44E-01	0.00E+00	1.38E+00	3.56E+06	4.90E+06	3.00E-02	3.56E+06	1.07E+05	6.20E-01
11/6/98 7:25	OINCSmall	B23	1.50E+00	NA	1.00E+00	4.00E+00	5.47E+05	2.19E+06	3.00E-02	5.47E+05	1.64E+04	6.20E-01
11/6/98 19:31	OINCSmall	B31	1.50E+00	2.80E-01	0.00E+00	2.04E-01	2.12E+05	4.32E+04	3.00E-02	2.12E+05	6.35E+03	6.20E-01
11/6/98 19:32	OINCSmall	B31	1.50E+00	4.97E-01	0.00E+00	2.32E-01	2.22E+05	5.16E+04	3.00E-02	2.22E+05	6.67E+03	6.20E-01
11/6/98 19:33	OINCSmall	B31	1.50E+00	NA	1.00E+00	4.00E+00	1					

Inputs Used for Std Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])
11/6/98 7:41	OINCSmall TOC	Blue Lakes	1.50E+00	NA	1.00E+00	4.00E+00	2.45E+05	9.80E+05	3.00E-02	2.45E+05	7.35E+03	6.20E-01
11/6/98 7:42	OINCSmall TOC	Soldier Creek	1.50E+00	4.60E-01	0.00E+00	1.70E-01	8.04E+04	1.37E+04	3.00E-02	8.04E+04	2.41E+03	6.20E-01

Inputs Used for Std Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s	
11/6/98 3:59	CINC	209	Lawsons Fork Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:00	CINC	209	Tyger River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:01	CINC	209	Fair Forest Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:01	CINC	209	Middle Tyger River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:02	CINC	214	Fish Ponds	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:03	CINC	214	Lake Clause	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:04	CINC	214	Comite River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:05	CINC	221	Highlands Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:06	CINC	221	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:07	CINC	221	San Jacinto River / Houston Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:07	CINC	324	Shades Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:08	CINC	324	Valley Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:09	CINC	324	Bayview Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:10	CINC	324	Cahaba River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:10	CINC	325	Big Hill Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:11	CINC	325	Potato Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:12	CINC	325	Claymore Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:13	CINC	325	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:14	CINC	331	Rocky River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:14	CINC	331	East Branch Black River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:15	CINC	331	Wyleswood Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:16	CINC	331	Baldwin Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:17	CINC	359	Kentucky River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:17	CINC	359	Indian Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:18	CINC	359	Indian Kentucky Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:19	CINC	359	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:20	CINC	A15	Tonawanda Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:20	CINC	A15	Murder Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:21	CINC	A15	Ellicott Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:22	CINC	A18	Taylor Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:23	CINC	A18	Viterbo Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:24	CINC	CAL	Tennessee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:25	CINC	CAL	Kentucky Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:26	CINC	CAL	Barkley Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:26	CINC	CAL	Cumberland River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:27	CINC	ELD	Flat Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:28	CINC	ELD	Salt Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:29	CINC	ELD	Calton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:29	CINC	ELD	Ouachita River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:30	CINC	SAU	Horseshoe Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:31	CINC	SAU	Old Cahoon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:32	CINC	SAU	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:33	CK	202	Elk City Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:34	CK	202	Montgomery County State Park Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:35	CK	202	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:36	CK	203	Catalpa Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:36	CK	203	Gilmer Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:37	CK	203	N. Branch Magawah Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:38	CK	203	Shotbag Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:39	CK	204	Bay Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:40	CK	204	Little Calumet Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:41	CK	204	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:42	CK	302	Maumee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:43	CK	302	Auglaize River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:43	CK	302	Six Mile Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:44	CK	304	Big Walnut Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:45	CK	304	Glenn Flint Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:46	CK	304	Dear Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:47	CK	320	Mud Davits Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:47	CK	320	Thunder Bay River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:48	CK	320	Long Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:50	CK	321	Powell Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:50	CK	321	Lake Demopolis	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:51	CK	BAT	Lake Henry	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:52	CK	BAT	Monocacy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:53	CK	BAT	Lehigh River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:54	CK	CHA	Allen Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:54	CK	CHA	Sante Fe Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:55	CK	CHA	Neosho River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:56	CK	FOR	Walnut Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:57	CK	FOR	West Flat Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:58	CK	FOR	Hamilton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:58	CK	FRE	Salt Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 4:59	CK	FRE	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:00	CK	FRE	Fall River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:01	CK	HAR	Indian Field Swamp	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:02	CK	HAR	Walnut Branch	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:02	CK	HAR	Huttos Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:03	CK	HOL	Huttos Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:04	CK	HOL	Lake Merkel	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:05	CK	TEX	Armstrong Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:06	CK	TEX	Massay Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02
11/6/98 5:06	CK	TEX	Mountain Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.50E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 5.07	CK	TEX Waxahachie Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.08	CK	WAM Connoquenessing Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.09	CK	WAM Hereford Manor Lake	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.10	CK	WAM Beaver River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.10	CK	WAM Slippery Rock Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.12	LWAK	ARV James River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.13	LWAK	ARV Sports Lake	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.14	LWAK	ARV Holman Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.14	LWAK	ARV Rivanna River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.15	LWAK	BRO Bluelick Creek (includes Clear Run)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.16	LWAK	BRO McNeely Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.17	LWAK	BRO Silver Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.18	LWAK	BRO Salt River (includes Floyd's Fork)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.18	LWAK	CAS Cascade Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.19	LWAK	CAS Smith River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.20	LWAK	CAS Dan River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.21	LWAK	COH Troy Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.22	LWAK	COH Hudson River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.22	LWAK	COH Mohawk River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.23	LWAK	COH Tomahannock Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.24	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.25	LWAK	NOR Long Lake/Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.26	LWAK	NOR Lake Tillery	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.27	INCLarge	334 Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.28	INCLarge	334 Vermilion River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.29	INCLarge	334 Colby Lake	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.30	INCLarge	334 Lake Isabelle	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.30	INCLarge	463 Blue River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.32	INCLarge	463 Rock Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.33	INCLarge	463 Shoal Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.34	INCLarge	463 Missouri River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.35	INCLarge	464 Ottowa River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.36	INCLarge	464 Twin Lakes Reservoir	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.37	INCLarge	464 Metzger/Ferguson Reservoir	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.38	INCLarge	504 Pennsauken Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.39	INCLarge	504 Darby Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.40	INCLarge	504 Cooper River Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.41	INCLarge	504 Schuykill River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.42	INCLarge	600 Lake Jackson	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.43	INCLarge	600 Oyster Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.44	INCLarge	600 Brazos River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.45	INCLarge	711 Brechtel Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.46	INCLarge	711 Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.47	INCLarge	806 Wolf Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.48	INCLarge	806 Lake George	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.50	INCLarge	806 Little Calumet River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.51	INCLarge	806 Grand Calumet River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.52	INCLarge	915 Genesee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.53	INCLarge	915 Irondequoit Bay	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.54	INCLarge	915 Highland Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.55	INCLarge	A32 Armand Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.56	INCLarge	A43 Twelvemile Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.57	INCLarge	A43 Bergholtz Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.58	INCLarge	A43 Cayuga Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.59	INCLarge	A43 Niagara River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 5.59	INCLarge	A50 Carpenters Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.00	INCLarge	A50 Highlands Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.01	INCLarge	A50 Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.01	INCLarge	A50 San Jacinto River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.02	INCLarge	A62 Caney Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.03	INCLarge	A62 E & W Fork Crystal Cr.	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.04	INCLarge	A62 Stewarts Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.05	INCLarge	A62 Lewis Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.05	INCLarge	B20 Cuyahoga River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.06	INCLarge	B20 Upper and Lower Shaker Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.07	INCLarge	B20 Euclid Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.08	INCLarge	B20 Fairmont Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.09	INCLarge	HAN Fabius River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.10	INCLarge	HAN Spring Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.10	INCLarge	HAN Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.11	INCLarge	KIN North Fork Holston River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.12	INCLarge	KIN Kingsport Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.13	INCLarge	KIN South Fork Holston River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.14	INCLarge	KIN Reedy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.15	INCLarge	MCI Halk Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.15	INCLarge	MCI Helicat Lake	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.16	INCLarge	MCI Alabama River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.17	INCLarge	MCI Tombigbee River	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.18	INCLarge	MID Tittabawassee River (plus Sanford Lake)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.19	INCLarge	MID Sturgeon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.20	INCLarge	MID Kankawlin River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.20	INCLarge	MID Chippewa River (most inclusive data)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.21	INCLarge	STG Bayou Plaquemine	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.22	INCLarge	STG Manchac Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.23	INCLarge	STG Bayou Fountain	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.24	INCLarge	STG Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6.25	INCLSmall	340 Sunfish Creek	2.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg(sed. Particles)/L(sediment volume))	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 6:26	ONCSmall 340	Proctor Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:27	ONCSmall 340	Fish Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:28	ONCSmall 340	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:29	ONCSmall 342	Kalamazoo River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:30	ONCSmall 342	East Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:30	ONCSmall 342	Portage Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:31	ONCSmall 342	Portage River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:32	ONCSmall 453	Lake Spivey	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:33	ONCSmall 453	Jester Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:34	ONCSmall 453	Flint River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:35	ONCSmall 468	Wissahickon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:36	ONCSmall 468	Tacony Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:36	ONCSmall 468	Schuykill	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:37	ONCSmall 468	Pickering Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:38	ONCSmall 701	Wabash River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:39	ONCSmall 701	Sugar Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:40	ONCSmall 701	Big Racoon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:41	ONCSmall 704	Garvey Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:41	ONCSmall 704	Logg Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:42	ONCSmall 704	Silver Lake Res.	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:43	ONCSmall 708	Grindle Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:44	ONCSmall 708	Parker Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:45	ONCSmall 708	Tranters Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:46	ONCSmall 725	Pascassic River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:47	ONCSmall 725	Silver Lake Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:47	ONCSmall 725	Reservoir No. 2	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:48	ONCSmall 725	Rahway River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:49	ONCSmall 824	Newton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:50	ONCSmall 824	Big Timber Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:51	ONCSmall 824	Darby Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:52	ONCSmall 824	Schuykill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:52	ONCSmall 904	Pascagoula River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:53	ONCSmall 904	Escatawpa River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:54	ONCSmall 906	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:55	ONCSmall 906	Coopers Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:56	ONCSmall 906	Eliza Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:57	ONCSmall 906	Muscotine Slough	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:58	ONCSmall A14	New River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:58	ONCSmall A14	Bayou Conway	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 6:59	ONCSmall A14	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:00	ONCSmall A14	Bayou Lafourche	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:01	ONCSmall A26	Big Creek (includes Sulfur Spring Creek)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:02	ONCSmall A26	Cats Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:03	ONCSmall A26	Dota Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:04	ONCSmall A31	Nottaway River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:04	ONCSmall A31	Chowan River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:05	ONCSmall A31	Nottaway Swamp (a creek)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:06	ONCSmall A45	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:07	ONCSmall A45	Highland Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:08	ONCSmall A45	Greens Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:09	ONCSmall A45	Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:10	ONCSmall A46	Little Muskingum River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:10	ONCSmall A46	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:11	ONCSmall A46	Middle Island Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:12	ONCSmall A47	Caney River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:13	ONCSmall A47	Sand Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:14	ONCSmall A47	Bar-Dew Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:15	ONCSmall A47	Lake Hudson	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:16	ONCSmall A55	Mohawk River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:16	ONCSmall A55	Acplause Kill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:17	ONCSmall A55	Stony Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:18	ONCSmall A55	Waterliet Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:19	ONCSmall B18	Gulf Interoceanal Waterway	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:20	ONCSmall B18	Bayou La Butte	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:21	ONCSmall B18	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:22	ONCSmall B18	Bayou Manchac	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:22	ONCSmall B23	Hillbrandt Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:23	ONCSmall B23	Cow Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:24	ONCSmall B23	Neches River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:25	ONCSmall B23	Port Arthur Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 19:31	ONCSmall B31	Wassahickon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 19:32	ONCSmall B31	Neshaminy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 19:33	ONCSmall B31	Peace Valley Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 19:34	ONCSmall B31	Schuykill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:29	ONCSmall B32	Cedar Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:30	ONCSmall B32	Cary Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:31	ONCSmall B32	Goose Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:32	ONCSmall B37	Arkansas River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:33	ONCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:34	ONCSmall B37	Yellow Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:35	ONCSmall B37	Lake Pine Bluff	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:36	ONCSmall B44	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:36	ONCSmall B44	Greens Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:37	ONCSmall B44	Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:38	ONCSmall B44	Hunting Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:39	ONCSmall TOO	Rush Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:40	ONCSmall TOO	Box Elder Wash	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg[sed. Particles]/L[sediment volume])	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s	MHg D. a: air diffusion coefficient, cm2/s
11/6/98 7:41	OINCSmall TOC	Blue Lakes	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02
11/6/98 7:42	OINCSmall TOC	Soldier Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02	5.30E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg ₀ D. w. water diffusion coefficient, cm ² /s	Hg ₂ D. w. water diffusion coefficient, cm ² /s	MHg D. w. water diffusion coefficient, cm ² /s	Hg ₀ Henry's Law Constant	Hg ₂ Henry's Law Constant	MHg Henry's Law Constant	Hg ₀ Soil Kd (L/kg)	Hg ₂ Soil Kd (L/kg)	
11/6/98 3:59	CINC	209	Lawsons Fork Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:00	CINC	209	Tyger River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:01	CINC	209	Fair Forest Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:01	CINC	209	Middle Tyger River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:02	CINC	214	Fish Ponds	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:03	CINC	214	Lake Clause	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:04	CINC	214	Comite River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:05	CINC	221	Highlands Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:06	CINC	221	Sheldon Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:07	CINC	221	San Jacinto River / Houston Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:07	CINC	324	Shades Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:08	CINC	324	Valley Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:09	CINC	324	Bayview Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:10	CINC	324	Cahaba River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:10	CINC	325	Big Hill Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:11	CINC	325	Potato Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:12	CINC	325	Claymore Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:13	CINC	325	Verdigris River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:14	CINC	331	Rocky River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:14	CINC	331	East Branch Black River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:15	CINC	331	Wyleswood Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:16	CINC	331	Baldwin Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:17	CINC	359	Kentucky River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:17	CINC	359	Indian Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:18	CINC	359	Indian Kentucky Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:19	CINC	359	Ohio River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:20	CINC	A15	Tonawanda Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:20	CINC	A15	Murder Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:21	CINC	A15	Ellicott Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:22	CINC	A18	Taylor Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:23	CINC	A18	Viterbo Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:24	CINC	CAL	Tennessee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:25	CINC	CAL	Kentucky Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:26	CINC	CAL	Barkley Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:26	CINC	CAL	Cumberland River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:27	CINC	ELD	Flat Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:28	CINC	ELD	Salt Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:29	CINC	ELD	Callon Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:29	CINC	ELD	Ouachita River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:30	CINC	SAU	Horseshoe Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:31	CINC	SAU	Old Cataoka Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:32	CINC	SAU	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:33	CK	202	Elk City Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:34	CK	202	Montgomery County State Park Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:35	CK	202	Verdigris River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:36	CK	203	Catalpa Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:36	CK	203	Gilmer Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:37	CK	203	N. Branch Magowah Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:38	CK	203	Shotbag Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:39	CK	204	Bay Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:40	CK	204	Little Calumet Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:41	CK	204	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:42	CK	302	Maumee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:43	CK	302	Auglaize River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:43	CK	302	Six Mile Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:44	CK	304	Big Walnut Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:45	CK	304	Glenn Flint Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:46	CK	304	Deer Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:47	CK	320	Mud Devils Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:47	CK	320	Thunder Bay River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:48	CK	320	Long Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:50	CK	321	Powell Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:50	CK	321	Lake Demopolis	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:51	CK	321	Lake Henry	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:52	CK	BAT	Monocacy Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:53	CK	BAT	Lehigh River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:54	CK	CHA	Allen Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:54	CK	CHA	Sante Fe Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:55	CK	CHA	Neosho River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:56	CK	FOR	Walnut Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:57	CK	FOR	West Flat Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:58	CK	FOR	Hamilton Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:58	CK	FRE	Salt Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 4:59	CK	FRE	Verdigris River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:00	CK	FRE	Fall River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:01	CK	HAR	Indian Field Swamp	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:02	CK	HAR	Walnut Branch	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:02	CK										

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg ₀ D. w. water diffusion coefficient, cm ² /s	Hg ₂ D. w. water diffusion coefficient, cm ² /s	MHg D. w. water diffusion coefficient, cm ² /s	Hg ₀ Henry's Law Constant	Hg ₂ Henry's Law Constant	MHg Henry's Law Constant	Hg ₀ Soil Kd (L/kg)	Hg ₂ Soil Kd (L/kg)	
11/6/98 5:07	CK	TEX	Waxahachie Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:08	CK	WAM	Connoquenessing Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:09	CK	WAM	Hereford Manor Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:10	CK	WAM	Beaver River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:11	CK	WAM	Slippery Rock Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:12	LWAK	ARV	James River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:13	LWAK	ARV	Sports Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:14	LWAK	ARV	Holman Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:14	LWAK	ARV	Rivanna River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:15	LWAK	BRO	Bluelick Creek (includes Clear Run)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:16	LWAK	BRO	Lake Tillery	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:17	LWAK	BRO	McNeely Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:18	LWAK	BRO	Silver Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:18	LWAK	BRO	Salt River (includes Floyd's Fork)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:18	LWAK	CAS	Cascade Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:19	LWAK	CAS	Smith River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:20	LWAK	CAS	Dan River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:21	LWAK	COH	Troy Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:22	LWAK	COH	Hudson River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:22	LWAK	COH	Mohawk River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:23	LWAK	COH	Tomahannock Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:25	LWAK	NOR	Long Lake/Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:26	LWAK	NOR	Lake Tillery	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:27	OINCLarge	334	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:28	OINCLarge	334	Vermilion River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:29	OINCLarge	334	Colby Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:30	OINCLarge	334	Lake Isabelle	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:30	OINCLarge	463	Blue River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:32	OINCLarge	463	Rock Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:33	OINCLarge	463	Shoal Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:34	OINCLarge	463	Missouri River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:35	OINCLarge	464	Ottawa River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:36	OINCLarge	464	Twin Lakes Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:37	OINCLarge	464	Metzger/Ferguson Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:38	OINCLarge	504	Pennsauken Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:39	OINCLarge	504	Darby Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:40	OINCLarge	504	Cooper River Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:41	OINCLarge	504	Schuykill River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:42	OINCLarge	600	Lake Jackson	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:43	OINCLarge	600	Oyster Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:44	OINCLarge	600	Brazos River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:45	OINCLarge	711	Brechtel Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:46	OINCLarge	711	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:47	OINCLarge	806	Wolf Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:48	OINCLarge	806	Lake George	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:50	OINCLarge	806	Little Calumet River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:51	OINCLarge	806	Grand Calumet River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:52	OINCLarge	915	Genesee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:53	OINCLarge	915	Iroquoisquit Bay	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:54	OINCLarge	915	Highland Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:55	OINCLarge	A32	Armand Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:56	OINCLarge	A43	Twelvevme Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:57	OINCLarge	A43	Bergholtz Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:57	OINCLarge	A43	Cayuga Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:58	OINCLarge	A43	Niagara River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 5:59	OINCLarge	A50	Carpenters Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:00	OINCLarge	A50	Highlands Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:01	OINCLarge	A50	Buffalo Bayou	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:01	OINCLarge	A50	San Jacinto River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:02	OINCLarge	A62	Caney Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:03	OINCLarge	A62	E & W Fork Crystal Cr.	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:04	OINCLarge	A62	Stewarts Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:05	OINCLarge	A62	Lewis Creek Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:05	OINCLarge	B20	Cuyahoga River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:06	OINCLarge	B20	Upper and Lower Shaker Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:07	OINCLarge	B20	Euclid Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:08	OINCLarge	B20	Fairmont Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:09	OINCLarge	HAN	Fabius River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:10	OINCLarge	HAN	Spring Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:10	OINCLarge	HAN	Mississippi River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:11	OINCLarge	KIN	North Fork Holston River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:12	OINCLarge	KIN	Kingsport Reservoir	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:13	OINCLarge	KIN	South Fork Holston River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:14	OINCLarge	KIN	Reedy Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:15	OINCLarge	MCI	Hals Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:15	OINCLarge	MCI	Helicat Lake	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:16	OINCLarge	MCI	Alabama River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:17	OINCLarge	MCI	Tombigbee River	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:18	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:19	OINCLarge	MID	St								

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 D. w. water diffusion coefficient, cm2/s	Hg2 D. w. water diffusion coefficient, cm2/s	MHg D. w. water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)	
11/6/98 6:26	OINCSmall	340 Proctor Creek	6.41E-06	6.41E-06	6.41E-06	6.1E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:27	OINCSmall	340 Fish Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:28	OINCSmall	340 Ohio River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:29	OINCSmall	342 Kalamazoo River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:30	OINCSmall	342 East Lake	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:30	OINCSmall	342 Portage Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:31	OINCSmall	342 Portage River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:32	OINCSmall	453 Lake Spivey	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:33	OINCSmall	453 Jester Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:34	OINCSmall	453 Flint River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:35	OINCSmall	468 Wassahickon Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:36	OINCSmall	468 Tacony Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:36	OINCSmall	468 Schuykill	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:37	OINCSmall	468 Pickering Creek Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:38	OINCSmall	701 Wabash River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:39	OINCSmall	701 Sugar Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:40	OINCSmall	701 Big Racoon Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:41	OINCSmall	704 Garvey Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:41	OINCSmall	704 Logg Lake	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:42	OINCSmall	704 Silver Lake Res.	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:43	OINCSmall	708 Grindle Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:44	OINCSmall	708 Parker Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:45	OINCSmall	708 Tranters Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:46	OINCSmall	725 Passaic River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:47	OINCSmall	725 Silver Lake Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:47	OINCSmall	725 Reservoir No. 2	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:48	OINCSmall	725 Rahway River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:49	OINCSmall	824 Newton Lake	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:50	OINCSmall	824 Big Timber Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:51	OINCSmall	824 Darby Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:52	OINCSmall	824 Schuykill River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:52	OINCSmall	904 Pascagoula River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:53	OINCSmall	904 Escatampa River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:54	OINCSmall	906 Mississippi River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:55	OINCSmall	906 Cooperas Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:56	OINCSmall	906 Eliza Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:57	OINCSmall	906 Muscatine Slough	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:58	OINCSmall	A14 New River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:58	OINCSmall	A14 Bayou Conway	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 6:59	OINCSmall	A14 Mississippi River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:00	OINCSmall	A14 Bayou Lafourche	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:01	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:02	OINCSmall	A26 Carter Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:03	OINCSmall	A26 Dots Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:04	OINCSmall	A31 Nottaway River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:04	OINCSmall	A31 Chowan River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:05	OINCSmall	A31 Nottaway Swamp (a creek)	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:06	OINCSmall	A45 Sheldon Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:07	OINCSmall	A45 Highlands Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:08	OINCSmall	A45 Greens Bayou	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:09	OINCSmall	A45 Buffalo Bayou	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:10	OINCSmall	A46 Little Muskingum River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:10	OINCSmall	A46 Ohio River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:11	OINCSmall	A46 Middle Island Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:12	OINCSmall	A47 Caney River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:13	OINCSmall	A47 Sand Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:14	OINCSmall	A47 Bar-Dew Lake	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:15	OINCSmall	A47 Lake Hudson	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:16	OINCSmall	A55 Mohawk River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:16	OINCSmall	A55 Acplause Kill River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:17	OINCSmall	A55 Stony Creek Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:18	OINCSmall	A55 Waterlief Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:19	OINCSmall	B18 Gulf Intercoastal Waterway	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:20	OINCSmall	B18 Bayou La Butte	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:21	OINCSmall	B18 Mississippi River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:22	OINCSmall	B18 Bayou Manchac	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:22	OINCSmall	B23 Hillbrandt Bayou	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:23	OINCSmall	B23 Cow Bayou	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:24	OINCSmall	B23 Neches River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:25	OINCSmall	B23 Port Arthur Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19:31	OINCSmall	B31 Wassahickon Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19:32	OINCSmall	B31 Neshaminy Creek	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19:33	OINCSmall	B31 Peace Valley Reservoir	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 19:34	OINCSmall	B31 Schuykill River	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:29	OINCSmall	B32 Cedar Bayou	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:30	OINCSmall	B32 Cary Bayou	6.41E-06	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:31	OINCSmall										

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04
11/6/98 7:42	OINCSmall TOC	Soldier Creek	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07	1.00E+03	5.80E+04

Inputs Used for Std Emissions

Facility	Site	Waterbody	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)	MHg Suspended Biotic solids Kd (L/kg)
11/6/98 5:07	CK	TEX Waxahachie Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:08	CK	WAM Connoquenessing Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:09	CK	WAM Hereford Manor Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:10	CK	WAM Beaver River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:10	CK	WAM Slippery Rock Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:12	LWAK	ARV James River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:13	LWAK	ARV Sports Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:14	LWAK	ARV Holman Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:14	LWAK	ARV Rivanna River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:15	LWAK	BRO Bluelick Creek (includes Clear Run)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:16	LWAK	BRO McNeely Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:17	LWAK	BRO Silver Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:18	LWAK	BRO Salt River (includes Floyd's Fork)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:18	LWAK	CAS Cascade Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:19	LWAK	CAS Smith River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:20	LWAK	CAS Dan River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:21	LWAK	COH Troy Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:22	LWAK	COH Hudson River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:22	LWAK	COH Mohawk River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:23	LWAK	COH Tomahannock Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:24	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:25	LWAK	NOR Long Lake/Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:26	LWAK	NOR Lake Tilley	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:27	INCLarge	334 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:28	INCLarge	334 Vermillion River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:29	INCLarge	334 Colby Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:30	INCLarge	334 Lake Isabelle	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:30	INCLarge	463 Blue River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:32	INCLarge	463 Rock Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:33	INCLarge	463 Shoal Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:34	INCLarge	463 Missouri River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:35	INCLarge	464 Ottowa River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:36	INCLarge	464 Twin Lakes Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:37	INCLarge	464 Metzger/Ferguson Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:38	INCLarge	504 Pennsauken Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:39	INCLarge	504 Darby Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:40	INCLarge	504 Cooper River Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:41	INCLarge	504 Schuykill River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:42	INCLarge	600 Lake Jackson	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:43	INCLarge	600 Oyster Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:44	INCLarge	600 Brazos River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:45	INCLarge	711 Brechtel Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:46	INCLarge	711 Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:47	INCLarge	806 Wolf Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:48	INCLarge	806 Lake George	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:50	INCLarge	806 Little Calumet River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:51	INCLarge	806 Grand Calumet River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:52	INCLarge	915 Genesee River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:53	INCLarge	915 Irondequoit Bay	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:54	INCLarge	915 Highland Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:55	INCLarge	A32 Armand Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:56	INCLarge	A43 Twelvemile Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:57	INCLarge	A43 Bergholtz Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:57	INCLarge	A43 Cayuga Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:58	INCLarge	A43 Niagara River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 5:59	INCLarge	A50 Carpenters Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:00	INCLarge	A50 Highlands Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:01	INCLarge	A50 Buffalo Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:01	INCLarge	A50 San Jacinto River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:02	INCLarge	A62 Caney Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:03	INCLarge	A62 E & W Fork Crystal Cr.	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:04	INCLarge	A62 Stewarts Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:05	INCLarge	A62 Lewis Creek Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:05	INCLarge	B20 Cuyahoga River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:06	INCLarge	B20 Upper and Lower Shaker Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:07	INCLarge	B20 Euclid Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:08	INCLarge	B20 Fairmont Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:09	INCLarge	HAN Fabus River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:10	INCLarge	HAN Spring Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:10	INCLarge	HAN Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:11	INCLarge	KIN North Fork Holston River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:12	INCLarge	KIN Kingsport Reservoir	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:13	INCLarge	KIN South Fork Holston River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:14	INCLarge	KIN Ready Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:15	INCLarge	MCI Halk Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:15	INCLarge	MCI Helicat Lake	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:16	INCLarge	MCI Alabama River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:17	INCLarge	MCI Tombigbee River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:18	INCLarge	MID Tittabawassee River (plus Sanford Lake)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:19	INCLarge	MID Sturgeon Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:20	INCLarge	MID Kawkawin River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:20	INCLarge	MID Chippewa River (most inclusive data)	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:21	INCLarge	STG Bayou Plaquemine	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:22	INCLarge	STG Manchac Bayou	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:23	INCLarge	STG Bayou Fountain	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:24	INCLarge	STG Mississippi River	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 6:25	INCLarge	340 Sunfish Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05

Inputs Used for Std Emissions

Facility	Site	Waterbody	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)	MHg Suspended Biotic solids Kd (L/kg)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05
11/6/98 7:42	OINCSmall TOC	Soldier Creek	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05	5.00E+05

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 3:59	CINC	209	Lawsons Fork Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.29E+00	3.33E-02	8.51E-01				
11/6/98 4:00	CINC	209	Tyger River	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.49E+00	3.80E-02	8.11E-01				
11/6/98 4:01	CINC	209	Fair Forest Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.34E+00	2.72E-02	9.20E-01				
11/6/98 4:01	CINC	209	Middle Tyger River	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.41E+00	4.40E-02	8.43E-01				
11/6/98 4:02	CINC	214	Fish Ponds	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	7.94E-02	7.34E-02	5.43E-01				
11/6/98 4:03	CINC	214	Lake Clause	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	9.19E-02	5.85E-02	6.44E-01				
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	5.89E-01	9.82E-03	1.00E+00				
11/6/98 4:04	CINC	214	Comite River	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	1.64E-01	5.46E-02	7.79E-01				
11/6/98 4:05	CINC	221	Highlands Reservoir	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	6.93E-02	8.00E-02	5.00E-01				
11/6/98 4:06	CINC	221	Sheldon Reservoir	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	7.02E-02	7.23E-02	5.52E-01				
11/6/98 4:07	CINC	221	San Jacinto River / Houston Lake	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	6.50E-02	6.50E-02	8.46E-01				
11/6/98 4:08	CINC	324	Shades Creek	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.78E+00	1.82E-02	9.69E-01				
11/6/98 4:08	CINC	324	Valley Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	1.63E+00	2.83E-02	9.75E-01				
11/6/98 4:09	CINC	324	Bayview Lake	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	1.27E+00	2.13E-02	9.88E-01				
11/6/98 4:10	CINC	324	Cahaba River	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	2.17E+00	1.83E-02	9.92E-01				
11/6/98 4:10	CINC	325	Big Hill Creek	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.52E-01	7.60E-02	5.27E-01				
11/6/98 4:11	CINC	325	Potato Creek	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.04E-01	7.77E-02	5.16E-01				
11/6/98 4:12	CINC	325	Claymore Creek	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	2.76E-01	7.53E-02	5.32E-01				
11/6/98 4:13	CINC	325	Verdigris River	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.28E-01	7.57E-02	5.40E-01				
11/6/98 4:14	CINC	331	Rocky River	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	4.72E-01	6.49E-02	6.54E-01				
11/6/98 4:14	CINC	331	East Branch Black River	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	4.63E-01	7.00E-02	5.69E-01				
11/6/98 4:15	CINC	331	Wyleswood Lake	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	4.76E-01	8.00E-02	5.00E-01				
11/6/98 4:16	CINC	331	Baldwin Lake	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	5.14E-01	2.98E-02	8.53E-01				
11/6/98 4:17	CINC	359	Kentucky River	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	4.77E-01	4.27E-02	7.27E-01				
11/6/98 4:17	CINC	359	Indian Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	2.78E+00	3.92E-02	7.73E-01				
11/6/98 4:18	CINC	359	Indian Kentucky Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	3.16E+00	3.45E-02	8.03E-01				
11/6/98 4:19	CINC	359	Ohio River	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	2.40E+00	4.34E-02	7.68E-01				
11/6/98 4:20	CINC	A15	Tonawanda Creek	3.00E+03	5.00E+04	3.00E+03	1.00E+02	3.40E-01	4.18E-01	2.44E-02	9.55E-01				
11/6/98 4:20	CINC	A15	Murder Creek	3.00E+03	5.00E+04	3.00E+03	1.00E+02	3.40E-01	4.69E-01	3.12E-02	8.66E-01				
11/6/98 4:21	CINC	A15	Ellicott Creek	3.00E+03	5.00E+04	3.00E+03	1.00E+02	3.40E-01	4.91E-01	6.96E-02	8.07E-01				
11/6/98 4:22	CINC	A18	Taylor Bayou	3.00E+03	5.00E+04	3.00E+03	4.90E+02	3.40E-01	1.18E-01	6.58E-02	6.03E-01				
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	3.00E+03	5.00E+04	3.00E+03	4.90E+02	3.40E-01	1.17E-01	6.61E-02	5.95E-01				
11/6/98 4:23	CINC	A18	Viterbo Reservoir	3.00E+03	5.00E+04	3.00E+03	4.90E+02	3.40E-01	1.24E-01	8.00E-02	5.00E-01				
11/6/98 4:24	CINC	CAL	Tennessee River	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	9.26E-01	6.35E-02	6.46E-01				
11/6/98 4:25	CINC	CAL	Kentucky Lake	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.95E+00	8.13E-02	8.81E-01				
11/6/98 4:26	CINC	CAL	Barkley Lake	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	2.88E+00	2.13E-02	8.92E-01				
11/6/98 4:26	CINC	CAL	Cumberland River	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.67E+00	6.77E-02	6.77E-01				
11/6/98 4:27	CINC	ELD	Flat Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	4.93E-01	1.57E-02	9.67E-01				
11/6/98 4:28	CINC	ELD	Salt Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	5.03E-01	6.92E-03	9.87E-01				
11/6/98 4:29	CINC	ELD	Calton Lake	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	5.81E-01	6.53E-03	9.91E-01				
11/6/98 4:29	CINC	ELD	Ouachita River	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	4.10E-01	1.01E-02	9.75E-01				
11/6/98 4:30	CINC	SAU	Horseshoe Lake	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.66E-01	6.15E-02	6.32E-01				
11/6/98 4:31	CINC	SAU	Old Cahoon Creek	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.66E-01	6.47E-02	7.47E-01				
11/6/98 4:32	CINC	SAU	Mississippi River	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	6.84E-01	5.02E-02	8.43E-01				
11/6/98 4:33	CK	202	Elk City Lake	3.00E+03	5.00E+04	3.00E+03	2.15E+02	3.40E-01	3.03E-01	6.23E-02	6.23E-01				
11/6/98 4:34	CK	202	Montgomery County State Park Lake	3.00E+03	5.00E+04	3.00E+03	2.15E+02	3.40E-01	4.75E-01	7.58E-02	5.28E-01				
11/6/98 4:35	CK	202	Verdigris River	3.00E+03	5.00E+04	3.00E+03	2.15E+02	3.40E-01	3.28E-01	7.23E-02	5.66E-01				
11/6/98 4:36	CK	203	Catalpa Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	3.39E-01	6.15E-02	6.26E-01				
11/6/98 4:36	CK	203	Gilmer Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	3.50E+03	6.03E-02	6.11E-01				
11/6/98 4:37	CK	203	N. Branch Magawah Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	3.15E-01	6.34E-02	6.11E-01				
11/6/98 4:38	CK	203	Shotbag Creek	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	4.50E-01	4.21E-02	7.53E-01				
11/6/98 4:39	CK	204	Bay Creek	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.34E+00	5.98E-02	6.35E-01				
11/6/98 4:40	CK	204	Little Calumet Creek	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.53E+00	6.51E-02	6.21E-01				
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.66E-01	8.00E-02	5.00E-01				
11/6/98 4:41	CK	204	Mississippi River	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.38E+00	5.83E-02	6.66E-01				
11/6/98 4:42	CK	302	Maumee River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	1.64E-01	7.61E-02	5.26E-01				
11/6/98 4:43	CK	302	Auglaize River	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	1.40E-01	7.79E-02	5.30E-01				
11/6/98 4:43	CK	302	Six Mile Creek	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	1.66E-01	9.74E-02	5.42E-01				
11/6/98 4:44	CK	304	Big Walnut Creek	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	1.87E+00	7.16E-02	6.59E-01				
11/6/98 4:45	CK	304	Glenn Flint Lake	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	1.04E+00	7.45E-02	5.49E-01				
11/6/98 4:46	CK	304	Deer Creek	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	1.71E+00	6.79E-02	6.44E-01				
11/6/98 4:47	CK	320	Mud Davits Lake	3.00E+03	5.00E+04	3.00E+03	7.50E+01	3.40E-01	2.43E-01	2.87E-02	9.59E-01				
11/6/98 4:47	CK	320	Thunder Bay River	3.00E+03	5.00E+04	3.00E+03	7.50E+01	3.40E-01	4.86E-01	4.99E-02	7.60E-01				
11/6/98 4:48	CK	320	Long Lake	3.00E+03	5.00E+04	3.00E+03	7.50E+01	3.40E-01	4.11E-01	2.37E-02	9.48E-01				
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	3.13E-01	5.65E-02	7.20E-01				
11/6/98 4:50	CK	321	Powell Creek	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	5.69E-01	6.87E-02	6.30E-01				
11/6/98 4:50	CK	321	Lake Demopolis	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	3.13E-01	5.65E-02	7.20E-01				
11/6/98 4:51	CK	321	Lake Henry	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	6.91E-01	3.91E-02	7.78E-01				
11/6/98 4:52	CK	BAT	Monocacy Creek	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	1.93E+00	8.12E-02	8.58E-01				
11/6/98 4:53	CK	BAT	Lehigh River	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	1.71E+00	5.60E-02	7.57E-01				
11/6/98 4:54	CK	CHA	Allen Lake	3.00E+03	5.00E+04	3.00E+03	2.44E+02	3.40E-01	9.52E-02	7.37E-02	5.42E-01				
11/6/98 4:54	CK	CHA	Sante Fe Lake	3.00E+03	5.00E+04	3.00E+03	2.44E+02	3.40E-01	2.36E-01	6.22E-02	6.27E-01				
11/6/98 4:55	CK	CHA	Nesho River	3.00E+03	5.00E+04	3.00E+03	2.44E+02	3.40E-01	2.71E-01	7.75E-02	5.32E-01				
11/6/98 4:56	CK	FOR	Walnut Bayou	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.95E-01	5.90E-02	7.12E-01				
11/6/98 4:57	CK	FOR	West Flat Creek	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	3.21E-01	3.27E-02	8.49E-01				
11/6/98 4:58	CK	FOR	Hamilton Lake	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	7.82E-02	5.85E-02	6.43E-01				
11/6/98 4:58	CK	FRE	Salt Creek	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	2.67E-01	7.50E-02	5.72E-01				
11/6/98 4:59	CK	FRE	Verdigris River	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	2.82E-01	6.85E-02	5.90E-01				
11/6/98 5:00	CK	FRE	Fall River	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	4.78E-01	5.29E-02	6.91E-01				
11/6/98 5:01	CK	HAR	Indian Field Swamp	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.95E-01	4.96E-02	7.62E-01				
11/6/98 5:02	CK	HAR	Walnut Branch	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.90E-01	1.83E-02	9.12E-01				
11/6/98 5:02	CK	HAR	Huttos Lake	3.00E+0											

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, /t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 5.07	CK	TEX	Waxahatchie Creek	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		4.40E-01		7.35E-02		5.54E-01
11/6/98 5.08	CK	WAM	Connoquenessing Creek	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		2.22E+00		5.25E-02		7.64E-01
11/6/98 5.09	CK	WAM	Hereford Manor Lake	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		2.55E+00		5.13E-02		6.95E-01
11/6/98 5.10	CK	WAM	Beaver River	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.30E+00		5.83E-02		7.98E-01
11/6/98 5.10	CK	WAM	Slippery Rock Creek	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.50E+00		7.50E-02		7.55E-01
11/6/98 5.12	LWAK	ARV	James River	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.30E+00		3.98E-02		8.80E-01
11/6/98 5.13	LWAK	ARV	Sports Lake	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.28E+00		6.19E-02		8.97E-01
11/6/98 5.14	LWAK	ARV	Holman Creek	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.84E+00		1.72E-02		9.23E-01
11/6/98 5.14	LWAK	ARV	Rivanna River	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.70E+00		2.94E-02		8.70E-01
11/6/98 5.15	LWAK	BRO	Bluelick Creek (includes Clear Run)	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		2.59E+00		5.09E-02		8.91E-01
11/6/98 5.16	LWAK	BRO	McNeely Lake	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		1.39E+00		4.05E-02		7.81E-01
11/6/98 5.17	LWAK	BRO	Silver Lake	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		1.58E+01		1.09E-02		9.62E-01
11/6/98 5.18	LWAK	BRO	Salt River (includes Floyd's Fork)	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		1.93E+00		3.83E-02		8.07E-01
11/6/98 5.18	LWAK	CAS	Cascade Creek	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.26E+00		3.96E-02		8.48E-01
11/6/98 5.19	LWAK	CAS	Smith River	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.66E+00		2.28E-02		8.89E-01
11/6/98 5.20	LWAK	CAS	Dan River	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.40E+00		4.08E-02		8.34E-01
11/6/98 5.21	LWAK	COH	Troy Reservoir	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		2.22E+00		5.43E-02		6.75E-01
11/6/98 5.22	LWAK	COH	Hudson River	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.15E+00		3.82E-02		8.55E-01
11/6/98 5.22	LWAK	COH	Mohawk River	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		7.42E-01		3.55E-02		9.11E-01
11/6/98 5.23	LWAK	COH	Tomahannock Reservoir	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.98E+00		4.06E-02		7.72E-01
11/6/98 5.24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	3.00E+03	5.00E+04	3.00E+03	2.60E+02		3.40E-01		1.43E+00		5.52E-02		7.01E-01
11/6/98 5.25	LWAK	NOR	Long Lake/Creek	3.00E+03	5.00E+04	3.00E+03	2.60E+02		3.40E-01		1.08E+00		6.52E-02		6.56E-01
11/6/98 5.26	LWAK	NOR	Lake Tillery	3.00E+03	5.00E+04	3.00E+03	2.60E+02		3.40E-01		1.61E+00		6.34E-02		8.48E-01
11/6/98 5.27	OINCLarge	334	Mississippi River	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		9.69E-01		7.17E-02		6.14E-01
11/6/98 5.28	OINCLarge	334	Vermilion River	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.08E-01		7.66E-02		5.38E-01
11/6/98 5.29	OINCLarge	334	Colby Lake	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		1.05E+00		8.00E-02		5.00E-01
11/6/98 5.30	OINCLarge	334	Lake Isabelle	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		3.27E-01		8.62E-03		1.00E+00
11/6/98 5.30	OINCLarge	463	Blue River	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		8.60E-01		1.93E-02		9.97E-01
11/6/98 5.32	OINCLarge	463	Rock Creek	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		1.40E+00		9.87E-03		1.00E+00
11/6/98 5.33	OINCLarge	463	Shoal Creek	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		8.84E-01		5.79E-02		6.75E-01
11/6/98 5.34	OINCLarge	463	Missouri River	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		8.75E-01		4.57E-02		8.39E-01
11/6/98 5.35	OINCLarge	464	Ottawa River	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		4.54E-01		7.35E-02		6.15E-01
11/6/98 5.36	OINCLarge	464	Twin Lakes Reservoir	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.79E-01		1.87E-01		1.00E+00
11/6/98 5.37	OINCLarge	464	Metzger/Ferguson Reservoir	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		7.60E-02		5.28E-01		5.28E-01
11/6/98 5.38	OINCLarge	504	Pennsauken Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		3.20E-01		4.53E-02		9.72E-01
11/6/98 5.39	OINCLarge	504	Darby Creek	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		9.72E-01		2.75E-02		9.89E-01
11/6/98 5.40	OINCLarge	504	Cooper River Lake	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		3.89E-01		1.41E-02		9.69E-01
11/6/98 5.41	OINCLarge	504	Schuykill River	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		9.91E-01		2.76E-02		9.82E-01
11/6/98 5.42	OINCLarge	600	Lake Jackson	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		6.93E-02		7.36E-01		9.60E-01
11/6/98 5.43	OINCLarge	600	Oyster Creek	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		7.01E-02		4.27E-02		8.56E-01
11/6/98 5.44	OINCLarge	600	Brazos River	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		6.94E-02		6.05E-02		8.22E-01
11/6/98 5.45	OINCLarge	711	Brechtel Lake	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		6.93E-02		1.00E-02		1.00E+00
11/6/98 5.46	OINCLarge	711	Mississippi River	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		8.95E-02		3.99E-02		9.96E-01
11/6/98 5.47	OINCLarge	806	Wolf Lake	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		5.94E-01		1.25E-01		1.00E+00
11/6/98 5.48	OINCLarge	806	Lake George	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		5.94E-01		3.65E-01		1.00E+00
11/6/98 5.50	OINCLarge	806	Little Calumet River	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		2.82E-01		4.64E-02		9.18E-01
11/6/98 5.51	OINCLarge	806	Grand Calumet River	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		5.94E-01		7.03E-02		9.90E-01
11/6/98 5.52	OINCLarge	915	Genesee River	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		6.87E-01		4.94E-02		7.66E-01
11/6/98 5.53	OINCLarge	915	Iroquois Point Bay	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		9.83E-01		9.32E-01		8.92E-01
11/6/98 5.54	OINCLarge	A43	Highland Reservoir	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		2.66E+00		1.00E-02		1.00E+00
11/6/98 5.55	OINCLarge	A32	Armand Bayou	3.00E+03	5.00E+04	3.00E+03	4.00E+02		3.40E-01		6.93E-02		6.95E-02		6.73E-01
11/6/98 5.56	OINCLarge	A43	Twelvemile Creek	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		4.80E-01		9.71E-03		9.98E-01
11/6/98 5.57	OINCLarge	A43	Bergholtz Creek	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		5.50E-01		1.83E-02		1.00E+00
11/6/98 5.57	OINCLarge	A43	Cayuga Creek	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		4.04E-01		2.38E-02		1.00E+00
11/6/98 5.58	OINCLarge	A43	Niagara River	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		4.45E-01		2.97E-02		9.34E-01
11/6/98 5.59	OINCLarge	A50	Carpenters Bayou	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		8.64E-02		3.62E-02		8.04E-01
11/6/98 6.00	OINCLarge	A50	Highlands Reservoir	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		6.93E-02		8.00E-02		5.00E-01
11/6/98 6.01	OINCLarge	A50	Buffalo Bayou	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		7.10E-02		3.32E-02		8.79E-01
11/6/98 6.01	OINCLarge	A50	San Jacinto River	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		8.54E-02		3.56E-02		8.32E-01
11/6/98 6.02	OINCLarge	A62	Caney Creek	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		1.91E-01		1.13E-02		9.96E-01
11/6/98 6.03	OINCLarge	A62	E & W Fork Crystal Cr.	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		3.05E-01		3.79E-02		9.89E-01
11/6/98 6.04	OINCLarge	A62	Stewarts Creek	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		3.51E-01		1.41E-02		9.99E-01
11/6/98 6.05	OINCLarge	A62	Lewis Creek Reservoir	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		4.36E-01		5.34E-03		9.98E-01
11/6/98 6.05	OINCLarge	B20	Cuyahoga River	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		1.04E+00		3.18E-02		9.31E-01
11/6/98 6.06	OINCLarge	B20	Upper and Lower Shaker Lake	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		7.77E-01		1.00E-02		1.00E+00
11/6/98 6.07	OINCLarge	B20	Euclid Creek	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		8.74E-01		1.96E-02		9.26E-01
11/6/98 6.08	OINCLarge	B20	Fairmont Reservoir	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		9.70E-01		1.00E-02		1.00E+00
11/6/98 6.09	OINCLarge	HAN	Fabius River	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		9.04E-01		7.77E-02		5.41E-01
11/6/98 6.10	OINCLarge	HAN	Spring Lake	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.19E+00		9.61E-03		1.00E+00
11/6/98 6.10	OINCLarge	HAN	Mississippi River	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		8.87E-01		6.87E-02		6.11E-01
11/6/98 6.11	OINCLarge	KIN	North Fork Holston River	3.00E+03	5.00E+04	3.00E+03	1.60E+02		3.40E-01		4.43E+00		2.74E-02		8.59E-01
11/6/98 6.12	OINCLarge	KIN	Kingsport Reservoir	3.00E+03	5.00E+04	3.00E+03	1.60E+02		3.40E-01		5.00E+03		5.00E-03		1.00E+00
11/6/98 6.13	OINCLarge	KIN	South Fork Holston River	3.00E+03	5.00E+04	3									

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr	K:	erodibility factor, /t/ac	LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 6:26	OINCSmall	340	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		2.56E+00		2.04E-02		8.98E-01
11/6/98 6:27	OINCSmall	340	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		2.99E+00		2.45E-02		8.70E-01
11/6/98 6:28	OINCSmall	340	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		2.56E+02		8.82E-01		8.82E-01
11/6/98 6:29	OINCSmall	342	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		4.85E-01		6.62E-02		6.38E-01
11/6/98 6:30	OINCSmall	342	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		3.18E-01		8.10E-02		5.00E-01
11/6/98 6:30	OINCSmall	342	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		4.83E-01		5.43E-02		7.35E-01
11/6/98 6:31	OINCSmall	342	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		5.31E-01		7.30E-02		5.48E-01
11/6/98 6:32	OINCSmall	453	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.80E+00		6.60E-02		9.20E-01
11/6/98 6:33	OINCSmall	453	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.59E+00		8.21E-02		9.89E-01
11/6/98 6:34	OINCSmall	453	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.35E+00		6.33E-02		9.12E-01
11/6/98 6:35	OINCSmall	468	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		7.66E-01		2.97E-02		8.91E-01
11/6/98 6:37	OINCSmall	468	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		1.23E+00		1.14E-02		1.00E+00
11/6/98 6:36	OINCSmall	468	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		1.04E+00		4.58E-02		8.17E-01
11/6/98 6:37	OINCSmall	468	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		1.51E+00		5.37E-02		7.36E-01
11/6/98 6:38	OINCSmall	701	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		5.31E-01		7.51E-02		5.88E-01
11/6/98 6:39	OINCSmall	701	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		1.00E+00		4.51E-02		7.33E-01
11/6/98 6:40	OINCSmall	701	3.00E+03	5.00E+04	3.00E+03		2.00E+02		3.40E-01		1.49E+00		5.31E-02		6.81E-01
11/6/98 6:41	OINCSmall	704	3.00E+03	5.00E+04	3.00E+03		5.00E+01		3.40E-01		4.50E-01		1.00E-02		1.00E+00
11/6/98 6:41	OINCSmall	704	3.00E+03	5.00E+04	3.00E+03		5.00E+01		3.40E-01		1.83E-01		4.98E-02		7.16E-01
11/6/98 6:42	OINCSmall	704	3.00E+03	5.00E+04	3.00E+03		5.00E+01		3.40E-01		7.09E+00		2.27E-01		1.00E+00
11/6/98 6:43	OINCSmall	708	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.85E-01		3.68E-02		7.89E-01
11/6/98 6:44	OINCSmall	708	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.79E-01		6.88E-02		7.53E-01
11/6/98 6:45	OINCSmall	708	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.85E-01		3.83E-02		7.84E-01
11/6/98 6:46	OINCSmall	725	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		8.97E-01		2.59E-02		1.00E+00
11/6/98 6:47	OINCSmall	725	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		5.94E-01		1.00E-02		1.00E+00
11/6/98 6:47	OINCSmall	725	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		1.48E+00		1.00E-02		1.00E+00
11/6/98 6:48	OINCSmall	725	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		9.62E-01		1.55E-02		1.00E+00
11/6/98 6:49	OINCSmall	824	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		4.02E-01		1.00E-02		1.00E+00
11/6/98 6:50	OINCSmall	824	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		3.40E-01		4.43E-02		9.00E-01
11/6/98 6:51	OINCSmall	824	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		8.82E-01		2.59E-02		1.00E+00
11/6/98 6:52	OINCSmall	824	3.00E+03	5.00E+04	3.00E+03		1.85E+02		3.40E-01		3.76E-01		3.90E-02		1.00E+00
11/6/98 6:52	OINCSmall	904	3.00E+03	5.00E+04	3.00E+03		5.50E+02		3.40E-01		1.62E-01		1.92E-02		9.14E-01
11/6/98 6:53	OINCSmall	904	3.00E+03	5.00E+04	3.00E+03		5.50E+02		3.40E-01		3.33E-02		7.77E-01		8.77E-01
11/6/98 6:54	OINCSmall	906	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		7.95E-01		6.57E-02		6.59E-01
11/6/98 6:55	OINCSmall	906	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		1.07E+00		7.28E-02		5.49E-01
11/6/98 6:56	OINCSmall	906	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		1.17E+00		7.17E-02		5.82E-01
11/6/98 6:57	OINCSmall	906	3.00E+03	5.00E+04	3.00E+03		1.80E+02		3.40E-01		5.56E-01		7.35E-02		6.00E-01
11/6/98 6:58	OINCSmall	A14	3.00E+03	5.00E+04	3.00E+03		5.50E+02		3.40E-01		1.20E-01		3.82E-02		7.86E-01
11/6/98 6:58	OINCSmall	A14	3.00E+03	5.00E+04	3.00E+03		5.50E+02		3.40E-01		8.81E-02		6.58E-02		7.19E-01
11/6/98 6:59	OINCSmall	A14	3.00E+03	5.00E+04	3.00E+03		5.50E+02		3.40E-01		1.33E-01		4.93E-02		8.77E-01
11/6/98 7:00	OINCSmall	A14	3.00E+03	5.00E+04	3.00E+03		5.50E+02		3.40E-01		1.83E-01		3.32E-01		8.34E-01
11/6/98 7:01	OINCSmall	A26	3.00E+03	5.00E+04	3.00E+03		2.40E+02		3.40E-01		1.98E+00		5.66E-02		6.56E-01
11/6/98 7:02	OINCSmall	A26	3.00E+03	5.00E+04	3.00E+03		2.40E+02		3.40E-01		8.89E-01		6.89E-02		6.70E-01
11/6/98 7:03	OINCSmall	A26	3.00E+03	5.00E+04	3.00E+03		2.40E+02		3.40E-01		2.05E+00		4.81E-02		7.13E-01
11/6/98 7:04	OINCSmall	A31	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		7.05E-01		3.53E-02		7.99E-01
11/6/98 7:04	OINCSmall	A31	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		3.91E-01		4.16E-02		8.02E-01
11/6/98 7:05	OINCSmall	A31	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		3.21E-01		3.53E-02		7.99E-01
11/6/98 7:06	OINCSmall	A45	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		7.08E-02		7.88E-02		5.08E-01
11/6/98 7:07	OINCSmall	A45	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		6.93E-02		6.93E-02		5.08E-01
11/6/98 7:08	OINCSmall	A45	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		1.23E-02		1.29E-02		9.81E-01
11/6/98 7:09	OINCSmall	A45	3.00E+03	5.00E+04	3.00E+03		3.00E+02		3.40E-01		7.36E-02		2.83E-02		8.92E-01
11/6/98 7:10	OINCSmall	A46	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		5.08E+00		1.93E-02		9.05E-01
11/6/98 7:10	OINCSmall	A46	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		1.80E+02		4.23E+00		9.35E-01
11/6/98 7:11	OINCSmall	A46	3.00E+03	5.00E+04	3.00E+03		1.50E+02		3.40E-01		5.72E+00		1.74E-02		9.17E-01
11/6/98 7:12	OINCSmall	A47	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		5.55E-01		5.62E-02		6.83E-01
11/6/98 7:13	OINCSmall	A47	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		1.39E+00		9.97E-03		9.80E-01
11/6/98 7:14	OINCSmall	A47	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		1.69E+00		7.75E-03		1.00E+00
11/6/98 7:15	OINCSmall	A47	3.00E+03	5.00E+04	3.00E+03		2.50E+02		3.40E-01		1.28E+00		1.02E-02		9.87E-01
11/6/98 7:16	OINCSmall	A55	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		8.29E-01		4.17E-02		8.29E-01
11/6/98 7:16	OINCSmall	A55	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		1.04E+00		3.41E-02		8.16E-01
11/6/98 7:17	OINCSmall	A55	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		9.00E-01		3.42E-02		8.70E-01
11/6/98 7:18	OINCSmall	A55	3.00E+03	5.00E+04	3.00E+03		1.25E+02		3.40E-01		7.57E-01		4.34E-02		8.08E-01
11/6/98 7:19	OINCSmall	B18	3.00E+03	5.00E+04	3.00E+03		5.00E+02		3.40E-01		7.98E-02		2.90E-02		8.60E-01
11/6/98 7:20	OINCSmall	B18	3.00E+03	5.00E+04	3.00E+03		5.00E+02		3.40E-01		8.89E-02		6.95E-02		6.33E-01
11/6/98 7:21	OINCSmall	B18	3.00E+03	5.00E+04	3.00E+03		5.00E+02		3.40E-01		1.43E-01		8.46E-02		8.63E-01
11/6/98 7:22	OINCSmall	B18	3.00E+03	5.00E+04	3.00E+03		5.00E+02		3.40E-01		1.37E-01		5.32E-02		7.38E-01
11/6/98 7:22	OINCSmall	B23	3.00E+03	5.00E+04	3.00E+03		4.30E+02		3.40E-01		7.46E-02		5.87E-02		6.48E-01
11/6/98 7:23	OINCSmall	B23	3.00E+03	5.00E+04	3.00E+03		4.30E+02		3.40E-01		3.95E-01		2.47E-02		8.72E-01
11/6/98 7:24	OINCSmall	B23	3.00E+03	5.00E+04	3.00E+03		4.30E+02		3.40E-01		8.23E-02		2.67E-02		9.38E-01
11/6/98 7:25	OINCSmall	B23	3.00E+03	5.00E+04	3.00E+03		4.30E+02		3.40E-01		8.44E-02		1.00E-02		1.00E+00
11/6/98 19:31	OINCSmall	B31	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		7.42E-01		3.05E-02		8.87E-01
11/6/98 19:32	OINCSmall	B31	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		5.17E-01		6.72E-02		6.97E-01
11/6/98 19:33	OINCSmall	B31	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		5.04E-01		1.25E-01		5.84E-01
11/6/98 19:34	OINCSmall	B31	3.00E+03	5.00E+04	3.00E+03		1.75E+02		3.40E-01		9.87E-01		2.47E-02		9.35E-01
11/6/98 7:29	OINCSmall	B32													

Inputs Used for Std Emissions

Facility	Site	Waterbody	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr K:	erodibility factor, t/ac LS:	topographic factor, unitless	C:	cover management factor, unitless	Ps:	support practice factor, unitless
11/6/98 7:41	OINCSmall TOC	Blue Lakes	3.00E+03	5.00E+04	3.00E+03		2.00E+01	3.40E-01	1.16E-01		1.00E-02		1.00E+00
11/6/98 7:42	OINCSmall TOC	Soldier Creek	3.00E+03	5.00E+04	3.00E+03		2.00E+01	3.40E-01	7.74E+00		9.58E-03		9.80E-01

Inputs Used for Std Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body
11/6/98 3:59	CINC 209	Lawsons Fork Creek	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	1.13E-01
11/6/98 4:00	CINC 209	Tyger River	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	4.94E-02
11/6/98 4:01	CINC 209	Fair Forest Creek	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	1.07E-01
11/6/98 4:01	CINC 209	Middle Tyger River	2.54E+01	2.20E-01	1.08E+02	0.00E+00	7.54E+01	1.30E-01
11/6/98 4:02	CINC 214	Fish Ponds	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	2.17E-01
11/6/98 4:03	CINC 214	Lake Clause	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	1.78E-01
11/6/98 4:04	CINC 214	University Lake/ City Park Lake	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	3.01E-01
11/6/98 4:04	CINC 214	Comite River	2.25E+01	2.20E-01	1.44E+02	0.00E+00	1.01E+02	5.18E-02
11/6/98 4:05	CINC 221	Highlands Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.03E-01
11/6/98 4:06	CINC 221	Sheldon Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.02E-01
11/6/98 4:07	CINC 221	San Jacinto River / Houston Lake	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.19E-01
11/6/98 4:07	CINC 324	Shades Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.13E-01
11/6/98 4:08	CINC 324	Valley Creek	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	5.06E-02
11/6/98 4:09	CINC 324	Bayview Lake	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.13E-01
11/6/98 4:10	CINC 324	Cahaba River	2.54E+01	2.20E-01	1.38E+02	0.00E+00	9.53E+01	1.14E-01
11/6/98 4:10	CINC 325	Big Hill Creek	7.60E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.18E-01
11/6/98 4:11	CINC 325	Potato Creek	7.60E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.33E-01
11/6/98 4:12	CINC 325	Claymore Creek	7.60E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.37E-01
11/6/98 4:13	CINC 325	Verdigris River	7.60E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	4.49E-02
11/6/98 4:14	CINC 331	Rocky River	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.17E-02
11/6/98 4:14	CINC 331	East Branch Black River	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.07E-01
11/6/98 4:15	CINC 331	Wyleswood Lake	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.09E-01
11/6/98 4:16	CINC 331	Baldwin Lake	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.39E-01
11/6/98 4:17	CINC 359	Kentucky River	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	4.85E-02
11/6/98 4:17	CINC 359	Indian Creek	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	1.18E-01
11/6/98 4:18	CINC 359	Indian Kentucky Creek	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	1.18E-01
11/6/98 4:19	CINC 359	Ohio River	2.03E+01	2.20E-01	1.12E+02	0.00E+00	7.81E+01	4.90E-02
11/6/98 4:20	CINC A15	Tonawanda Creek	2.03E+01	2.20E-01	9.68E+01	0.00E+00	6.77E+01	4.99E-02
11/6/98 4:20	CINC A15	Murder Creek	2.03E+01	2.20E-01	9.68E+01	0.00E+00	6.77E+01	1.19E-01
11/6/98 4:21	CINC A15	Ellicott Creek	2.03E+01	2.20E-01	9.68E+01	0.00E+00	6.77E+01	5.30E-02
11/6/98 4:22	CINC A18	Taylor Bayou	1.78E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	5.06E-02
11/6/98 4:23	CINC A18	Hillebrandt Bayou	1.78E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.09E-01
11/6/98 4:23	CINC A18	Viterbo Reservoir	1.78E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	2.12E-01
11/6/98 4:24	CINC CAL	Tennessee River	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	4.87E-02
11/6/98 4:25	CINC CAL	Kentucky Lake	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	1.15E-01
11/6/98 4:26	CINC CAL	Barkley Lake	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	1.19E-01
11/6/98 4:26	CINC CAL	Cumberland River	2.03E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	5.21E-02
11/6/98 4:27	CINC ELD	Flat Creek	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.21E-01
11/6/98 4:28	CINC ELD	Salt Creek	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.32E-01
11/6/98 4:29	CINC ELD	Callon Lake	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.31E-01
11/6/98 4:29	CINC ELD	Ouachita River	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	5.12E-02
11/6/98 4:30	CINC SAU	Horseshoe Lake	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	1.68E-01
11/6/98 4:31	CINC SAU	Old Catokoi Creek	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	3.03E-01
11/6/98 4:32	CINC SAU	Mississippi River	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	4.45E-02
11/6/98 4:33	CK 202	Elk City Lake	7.62E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.20E-01
11/6/98 4:34	CK 202	Montgomery County State Park Lake	7.62E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.80E-01
11/6/98 4:35	CK 202	Verdigris River	7.62E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	4.56E-02
11/6/98 4:36	CK 203	Catalpa Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	5.27E-02
11/6/98 4:36	CK 203	Gilmer Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	1.17E-01
11/6/98 4:37	CK 203	N. Branch Magowah Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	1.36E-01
11/6/98 4:38	CK 203	Shotbag Creek	2.41E+01	2.20E-01	1.39E+02	0.00E+00	9.74E+01	1.24E-01
11/6/98 4:39	CK 204	Bay Creek	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.17E-01
11/6/98 4:40	CK 204	Little Calumet Creek	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.69E-01
11/6/98 4:40	CK 204	Upper and Lower Swan Lake	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	2.02E-01
11/6/98 4:41	CK 204	Mississippi River	1.14E+01	2.20E-01	7.75E+01	0.00E+00	5.43E+01	4.54E-02
11/6/98 4:42	CK 302	Maumee River	1.27E+01	2.20E-01	9.12E+01	0.00E+00	6.38E+01	4.91E-02
11/6/98 4:43	CK 302	Auglaize River	1.27E+01	2.20E-01	9.12E+01	0.00E+00	6.38E+01	4.75E-02
11/6/98 4:43	CK 302	Six Mile Creek	1.27E+01	2.20E-01	9.12E+01	0.00E+00	6.38E+01	1.27E-01
11/6/98 4:44	CK 304	Big Walnut Creek	1.50E+01	2.20E-01	1.01E+02	0.00E+00	7.04E+01	5.02E-02
11/6/98 4:45	CK 304	Glenn Flint Lake	1.50E+01	2.20E-01	1.01E+02	0.00E+00	7.04E+01	1.34E-01
11/6/98 4:46	CK 304	Deer Creek	1.50E+01	2.20E-01	1.01E+02	0.00E+00	7.04E+01	1.98E-01
11/6/98 4:47	CK 320	Mud Devils Lake	1.27E+01	2.20E-01	7.32E+01	0.00E+00	5.12E+01	1.23E-01
11/6/98 4:47	CK 320	Thunder Bay River	1.27E+01	2.20E-01	7.32E+01	0.00E+00	5.12E+01	5.12E-02
11/6/98 4:48	CK 320	Long Lake	1.27E+01	2.20E-01	7.32E+01	0.00E+00	5.12E+01	1.28E-01
11/6/98 4:49	CK 321	Black Warrior River (most inclusive data)	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	5.01E-02
11/6/98 4:50	CK 321	Powell Creek	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	1.15E-01
11/6/98 4:50	CK 321	Lake Demopolis	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	5.01E-02
11/6/98 4:51	CK 321	Lake Henry	2.54E+01	2.20E-01	1.32E+02	0.00E+00	9.21E+01	1.96E-01
11/6/98 4:52	CK BAT	Monocacy Creek	2.22E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.17E-01
11/6/98 4:53	CK BAT	Lehigh River	2.22E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	4.61E-02
11/6/98 4:54	CK CHA	Allen Lake	9.40E+00	2.20E-01	1.05E+02	0.00E+00	7.35E+01	3.26E-01
11/6/98 4:54	CK CHA	Sante Fe Lake	9.40E+00	2.20E-01	1.05E+02	0.00E+00	7.35E+01	1.88E-01
11/6/98 4:55	CK CHA	Neosho River	9.40E+00	2.20E-01	1.05E+02	0.00E+00	7.35E+01	4.56E-02
11/6/98 4:56	CK FOR	Walnut Bayou	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	5.14E-02
11/6/98 4:57	CK FOR	West Flat Creek	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.33E-01
11/6/98 4:58	CK FOR	Hamilton Lake	2.16E+01	2.20E-01	1.16E+02	0.00E+00	8.13E+01	1.99E-01
11/6/98 4:58	CK FRE	Salt Creek	5.10E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	1.31E-01
11/6/98 4:59	CK FRE	Verdigris River	5.10E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	4.93E-02
11/6/98 5:00	CK FRE	Fall River	5.10E+00	2.20E-01	7.44E+01	0.00E+00	5.21E+01	5.02E-02
11/6/98 5:01	CK HAR	Indian Field Swamp	1.27E+01	2.20E-01	9.21E+01	0.00E+00	6.55E+01	3.39E-01
11/6/98 5:02	CK HAR	Walnut Branch	1.27E+01	2.20E-01	9.21E+01	0.00E+00	6.55E+01	3.98E-01
11/6/98 5:02	CK HAR	Huttos Lake	1.27E+01	2.20E-01	9.21E+01	0.00E+00	6.55E+01	3.43E-01
11/6/98 5:03	CK HOL	Huttos Lake	1.25E+01	2.20E-01	1.30E+02	0.00E+00	9.07E+01	3.43E-01
11/6/98 5:04	CK HOL	Lake Merkel	1.25E+01	2.20E-01	1.30E+02	0.00E+00	9.07E+01	1.91E-01
11/6/98 5:05	CK TEX	Armstrong Creek	2.20E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	1.26E-01
11/6/98 5:06	CK TEX	Massay Lake	2.50E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	1.78E-01
11/6/98 5:06	CK TEX	Mountain Creek	2.50E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	5.15E-02

Inputs Used for Std Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body	
11/6/98 5.07	CK	TEX	Waxahachie Creek	2.50E+00	2.20E-01	8.20E+01	0.00E+00	5.74E+01	1.14E-01
11/6/98 5.08	CK	WAM	Connoquenessing Creek	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.24E-02
11/6/98 5.09	CK	WAM	Hereford Manor Lake	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	2.17E-01
11/6/98 5.10	CK	WAM	Beaver River	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	4.90E-02
11/6/98 5.10	CK	WAM	Slippery Rock Creek	1.78E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.14E-01
11/6/98 5.12	LWAK	ARV	James River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	4.53E-02
11/6/98 5.13	LWAK	ARV	Sports Lake	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.29E-01
11/6/98 5.14	LWAK	ARV	Holman Creek	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.82E-01
11/6/98 5.14	LWAK	ARV	Rivanna River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.09E-01
11/6/98 5.15	LWAK	BRO	Bluelick Creek (includes Clear Run)	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	1.70E-01
11/6/98 5.16	LWAK	BRO	McNeely Lake	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	1.81E-01
11/6/98 5.17	LWAK	BRO	Silver Lake	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	4.74E-01
11/6/98 5.18	LWAK	BRO	Salt River (includes Floyd's Fork)	2.03E+01	2.20E-01	9.88E+01	0.00E+00	6.92E+01	4.65E-02
11/6/98 5.18	LWAK	CAS	Cascade Creek	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.19E-01
11/6/98 5.19	LWAK	CAS	Smith River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.07E-01
11/6/98 5.20	LWAK	CAS	Dan River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.98E-01
11/6/98 5.21	LWAK	COH	Troy Reservoir	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	3.02E-01
11/6/98 5.22	LWAK	COH	Hudson River	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	4.59E-02
11/6/98 5.22	LWAK	COH	Mohawk River	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	5.31E-02
11/6/98 5.23	LWAK	COH	Tomahannock Reservoir	2.16E+01	2.20E-01	1.08E+02	0.00E+00	7.56E+01	1.24E-01
11/6/98 5.24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	2.03E+01	2.20E-01	1.09E+02	0.00E+00	7.61E+01	4.58E-02
11/6/98 5.25	LWAK	NOR	Long Lake/Creek	2.03E+01	2.20E-01	1.09E+02	0.00E+00	7.61E+01	1.39E-01
11/6/98 5.26	LWAK	NOR	Lake Tillery	2.03E+01	2.20E-01	1.09E+02	0.00E+00	7.61E+01	1.10E-01
11/6/98 5.27	OINCLarge	334	Mississippi River	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	4.80E-02
11/6/98 5.28	OINCLarge	334	Vermilion River	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	5.04E-02
11/6/98 5.29	OINCLarge	334	Colby Lake	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	3.73E-01
11/6/98 5.30	OINCLarge	334	Lake Isabelle	6.40E+00	2.20E-01	7.37E+01	0.00E+00	5.16E+01	3.25E-01
11/6/98 5.30	OINCLarge	463	Blue River	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	1.09E-01
11/6/98 5.32	OINCLarge	463	Rock Creek	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	1.88E-01
11/6/98 5.33	OINCLarge	463	Shoal Creek	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	1.13E-01
11/6/98 5.34	OINCLarge	463	Missouri River	8.90E+00	2.20E-01	9.65E+01	0.00E+00	6.78E+01	4.58E-02
11/6/98 5.35	OINCLarge	464	Ottawa River	1.27E+01	2.20E-01	9.32E+01	0.00E+00	6.52E+01	5.08E-02
11/6/98 5.36	OINCLarge	464	Twin Lakes Reservoir	1.27E+01	2.20E-01	9.32E+01	0.00E+00	6.52E+01	3.76E-01
11/6/98 5.37	OINCLarge	464	Metzger/Ferguson Reservoir	1.27E+01	2.20E-01	9.32E+01	0.00E+00	6.52E+01	3.13E-01
11/6/98 5.38	OINCLarge	504	Pennsauken Creek	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.34E-01
11/6/98 5.39	OINCLarge	504	Darby Creek	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.12E-01
11/6/98 5.40	OINCLarge	504	Cooper River Lake	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.31E-01
11/6/98 5.41	OINCLarge	504	Schuykill River	2.22E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.12E-01
11/6/98 5.42	OINCLarge	600	Lake Jackson	6.40E+00	2.20E-01	7.42E+01	0.00E+00	5.19E+01	3.06E-01
11/6/98 5.43	OINCLarge	600	Oyster Creek	6.40E+00	2.20E-01	7.42E+01	0.00E+00	5.19E+01	1.29E-01
11/6/98 5.44	OINCLarge	600	Brazos River	6.40E+00	2.20E-01	7.42E+01	0.00E+00	5.19E+01	1.20E-01
11/6/98 5.45	OINCLarge	711	Brechtel Lake	2.54E+01	2.20E-01	1.54E+02	0.00E+00	1.08E+02	3.55E-01
11/6/98 5.46	OINCLarge	711	Mississippi River	2.54E+01	2.20E-01	1.54E+02	0.00E+00	1.08E+02	1.24E-01
11/6/98 5.47	OINCLarge	806	Wolf Lake	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	1.82E-01
11/6/98 5.48	OINCLarge	806	Lake George	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	3.18E-01
11/6/98 5.50	OINCLarge	806	Little Calumet River	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	4.87E-02
11/6/98 5.51	OINCLarge	806	Grand Calumet River	1.27E+01	2.20E-01	8.99E+01	0.00E+00	6.29E+01	1.20E-01
11/6/98 5.52	OINCLarge	915	Genesee River	1.91E+01	2.20E-01	8.08E+01	0.00E+00	5.65E+01	5.23E-02
11/6/98 5.53	OINCLarge	915	Irondequoit Bay	1.91E+01	2.20E-01	8.08E+01	0.00E+00	5.65E+01	3.07E-01
11/6/98 5.54	OINCLarge	915	Highland Reservoir	1.91E+01	2.20E-01	8.08E+01	0.00E+00	5.65E+01	5.99E-01
11/6/98 5.55	OINCLarge	A32	Armand Bayou	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.16E-01
11/6/98 5.56	OINCLarge	A43	Twelvemile Creek	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	1.26E-01
11/6/98 5.57	OINCLarge	A43	Bergholtz Creek	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	1.32E-01
11/6/98 5.57	OINCLarge	A43	Cayuga Creek	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	1.36E-01
11/6/98 5.58	OINCLarge	A43	Niagara River	2.16E+01	2.20E-01	9.68E+01	0.00E+00	6.78E+01	4.68E-02
11/6/98 5.59	OINCLarge	A50	Carpenters Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.28E-01
11/6/98 6.00	OINCLarge	A50	Highlands Reservoir	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.03E-01
11/6/98 6.01	OINCLarge	A50	Buffalo Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.09E-01
11/6/98 6.01	OINCLarge	A50	San Jacinto River	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.22E-01
11/6/98 6.02	OINCLarge	A62	Caney Creek	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.10E-01
11/6/98 6.03	OINCLarge	A62	E & W Fork Crystal Cr.	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 6.04	OINCLarge	A62	Stewarts Creek	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.29E-01
11/6/98 6.05	OINCLarge	A62	Lewis Creek Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.87E-01
11/6/98 6.05	OINCLarge	B20	Cuyahoga River	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	5.07E-02
11/6/98 6.06	OINCLarge	B20	Upper and Lower Shaker Lake	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.81E-01
11/6/98 6.07	OINCLarge	B20	Euclid Creek	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.30E-01
11/6/98 6.08	OINCLarge	B20	Fairmont Reservoir	1.27E+01	2.20E-01	9.42E+01	0.00E+00	6.59E+01	3.89E-01
11/6/98 6.09	OINCLarge	HAN	Fabus River	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	1.39E-01
11/6/98 6.10	OINCLarge	HAN	Spring Lake	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	4.59E-01
11/6/98 6.10	OINCLarge	HAN	Mississippi River	1.27E+01	2.20E-01	9.35E+01	0.00E+00	6.55E+01	4.58E-02
11/6/98 6.11	OINCLarge	KIN	North Fork Holston River	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	5.20E-02
11/6/98 6.12	OINCLarge	KIN	Kingsport Reservoir	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	3.26E-01
11/6/98 6.13	OINCLarge	KIN	South Fork Holston River	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	4.94E-02
11/6/98 6.14	OINCLarge	KIN	Reedy Creek	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.34E+01	1.19E-01
11/6/98 6.15	OINCLarge	MCI	Hals Lake	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.16E-01
11/6/98 6.15	OINCLarge	MCI	Helicat Lake	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.91E-01
11/6/98 6.16	OINCLarge	MCI	Alabama River	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.09E-01
11/6/98 6.17	OINCLarge	MCI	Tombigbee River	2.54E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	4.68E-02
11/6/98 6.18	OINCLarge	MID	Titabawassee River (plus Sanford Lake)	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	5.10E-02
11/6/98 6.19	OINCLarge	MID	Sturgeon Creek	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.15E-01
11/6/98 6.20	OINCLarge	MID	Kankawlin River	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	5.33E-02
11/6/98 6.20	OINCLarge	MID	Chippewa River (most inclusive data)	6.40E+00	2.20E-01	7.75E+01	0.00E+00	5.43E+01	1.20E-01
11/6/98 6.21	OINCLarge	STG	Bayou Plaquemine	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.88E-01
11/6/98 6.22	OINCLarge	STG	Manchac Bayou	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	5.10E-02
11/6/98 6.23	OINCLarge	STG	Bayou Fountain	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.19E-01
11/6/98 6.24	OINCLarge	STG	Mississippi River	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.18E-01
11/6/98 6.25	OINCLarge	340	Sunfish Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.16E-01

Inputs Used for Std Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body
11/6/98 6:26	OINCSmall 340	Proctor Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.29E-01
11/6/98 6:27	OINCSmall 340	Fish Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	5.29E-02
11/6/98 6:28	OINCSmall 340	Ohio River	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	4.46E-02
11/6/98 6:29	OINCSmall 342	Kalamazoo River	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	4.89E-02
11/6/98 6:30	OINCSmall 342	East Lake	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	1.90E-01
11/6/98 6:30	OINCSmall 342	Portage Creek	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	1.15E-01
11/6/98 6:31	OINCSmall 342	Portage River	1.27E+01	2.20E-01	7.77E+01	0.00E+00	5.44E+01	5.01E-02
11/6/98 6:32	OINCSmall 453	Lake Spivey	2.41E+01	2.20E-01	1.27E+02	0.00E+00	8.86E+01	1.40E-01
11/6/98 6:33	OINCSmall 453	Jester Creek	2.41E+01	2.20E-01	1.27E+02	0.00E+00	8.86E+01	1.40E-01
11/6/98 6:34	OINCSmall 453	Flint River	2.41E+01	2.20E-01	1.27E+02	0.00E+00	8.86E+01	5.27E-02
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.13E-01
11/6/98 6:36	OINCSmall 468	Tacony Creek	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.24E-01
11/6/98 6:36	OINCSmall 468	Schuykill	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	4.81E-02
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	2.16E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.68E-01
11/6/98 6:38	OINCSmall 701	Wabash River	1.52E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	4.63E-02
11/6/98 6:39	OINCSmall 701	Sugar Creek	1.52E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	1.32E-01
11/6/98 6:40	OINCSmall 701	Big Raconon Creek	1.52E+01	2.20E-01	1.02E+02	0.00E+00	7.15E+01	5.10E-02
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	1.30E+00	2.20E-01	2.87E+01	0.00E+00	2.01E+01	4.88E-01
11/6/98 6:41	OINCSmall 704	Logg Lake	1.30E+00	2.20E-01	2.87E+01	0.00E+00	2.01E+01	4.79E-01
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	1.30E+00	2.20E-01	2.87E+01	0.00E+00	2.01E+01	3.29E-01
11/6/98 6:43	OINCSmall 708	Grindle Creek	1.40E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.09E-01
11/6/98 6:44	OINCSmall 708	Parker Creek	1.40E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.41E-01
11/6/98 6:45	OINCSmall 708	Tranters Creek	1.40E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.09E-01
11/6/98 6:46	OINCSmall 725	Passaic River	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	3.14E-01
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	4.71E-01
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	5.67E-01
11/6/98 6:48	OINCSmall 725	Rahway River	2.54E+01	2.20E-01	1.10E+02	0.00E+00	7.67E+01	3.51E-01
11/6/98 6:49	OINCSmall 824	Newton Lake	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.83E-01
11/6/98 6:50	OINCSmall 824	Big Timber Creek	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.16E-01
11/6/98 6:51	OINCSmall 824	Darby Creek	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.15E-01
11/6/98 6:52	OINCSmall 824	Schuykill River	2.29E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	1.21E-01
11/6/98 6:52	OINCSmall 904	Pascagoula River	3.81E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.31E-01
11/6/98 6:53	OINCSmall 904	Escatawpa River	3.81E+01	2.20E-01	1.67E+02	0.00E+00	1.17E+02	1.11E-01
11/6/98 6:54	OINCSmall 906	Mississippi River	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	4.86E-02
11/6/98 6:55	OINCSmall 906	Coopers Creek	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.20E-01
11/6/98 6:56	OINCSmall 906	Eliza Creek	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.21E-01
11/6/98 6:57	OINCSmall 906	Muscataine Slough	8.90E+00	2.20E-01	9.42E+01	0.00E+00	6.59E+01	1.14E-01
11/6/98 6:58	OINCSmall A14	New River	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.09E-01
11/6/98 6:58	OINCSmall A14	Bayou Conway	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.16E-01
11/6/98 6:59	OINCSmall A14	Mississippi River	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.25E-01
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	2.29E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	2.13E-01
11/6/98 7:01	OINCSmall A26	Big Creek (includes Sulfur Spring Creek)	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.32E-01
11/6/98 7:02	OINCSmall A26	Carter Creek	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.20E-01
11/6/98 7:03	OINCSmall A26	Dot Creek	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.13E-01
11/6/98 7:04	OINCSmall A31	Nottaway River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	4.94E-02
11/6/98 7:04	OINCSmall A31	Chowan River	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	4.80E-02
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	1.78E+01	2.20E-01	1.09E+02	0.00E+00	7.64E+01	1.24E-01
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.02E-01
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 7:08	OINCSmall A45	Greens Bayou	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	1.27E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	5.07E-02
11/6/98 7:10	OINCSmall A46	Little Muskingum River	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	5.07E-02
11/6/98 7:10	OINCSmall A46	Ohio River	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	5.13E-02
11/6/98 7:11	OINCSmall A46	Middle Island Creek	1.78E+01	2.20E-01	1.05E+02	0.00E+00	7.36E+01	4.93E-02
11/6/98 7:12	OINCSmall A47	Caney River	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	4.89E-02
11/6/98 7:13	OINCSmall A47	Sand Creek	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	5.18E-02
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	2.04E-01
11/6/98 7:15	OINCSmall A47	Lake Hudson	6.35E+00	2.20E-01	9.88E+01	0.00E+00	6.92E+01	1.39E-01
11/6/98 7:16	OINCSmall A55	Mohawk River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	4.68E-02
11/6/98 7:16	OINCSmall A55	Acipause Kill River	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.14E-01
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.41E-01
11/6/98 7:18	OINCSmall A55	Waterlief Reservoir	2.54E+01	2.20E-01	9.09E+01	0.00E+00	6.36E+01	1.07E-01
11/6/98 7:19	OINCSmall B18	Gulf Intercoastal Waterway	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	5.19E-02
11/6/98 7:20	OINCSmall B18	Bayou La Butte	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.31E-01
11/6/98 7:21	OINCSmall B18	Mississippi River	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	1.19E-01
11/6/98 7:22	OINCSmall B18	Bayou Manchac	2.16E+01	2.20E-01	1.46E+02	0.00E+00	1.02E+02	5.30E-02
11/6/98 7:22	OINCSmall B23	Hillbrandt Bayou	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.18E-01
11/6/98 7:23	OINCSmall B23	Cow Bayou	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.20E-01
11/6/98 7:24	OINCSmall B23	Neches River	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	1.20E-01
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	1.40E+01	2.20E-01	1.41E+02	0.00E+00	9.84E+01	3.51E-01
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.14E-01
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.13E-01
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	1.74E-01
11/6/98 19:34	OINCSmall B31	Schuykill River	2.54E+01	2.20E-01	1.12E+02	0.00E+00	7.86E+01	4.88E-02
11/6/98 7:29	OINCSmall B32	Cedar Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.08E-01
11/6/98 7:30	OINCSmall B32	Cary Bayou	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.80E-01
11/6/98 7:31	OINCSmall B32	Goose Creek	1.52E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.26E-01
11/6/98 7:32	OINCSmall B37	Arkansas River	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	5.00E-02
11/6/98 7:33	OINCSmall B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.09E-01
11/6/98 7:34	OINCSmall B37	Yellow Lake	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.91E-01
11/6/98 7:35	OINCSmall B37	Lake Pine Bluff	1.52E+01	2.20E-01	1.07E+02	0.00E+00	7.47E+01	1.19E-01
11/6/98 7:36	OINCSmall B44	Sheldon Reservoir	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	2.03E-01
11/6/98 7:36	OINCSmall B44	Greens Bayou	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.20E-01
11/6/98 7:37	OINCSmall B44	Buffalo Bayou	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	5.15E-02
11/6/98 7:38	OINCSmall B44	Hunting Bayou	1.40E+01	2.20E-01	1.19E+02	0.00E+00	8.34E+01	1.31E-01
11/6/98 7:39	OINCSmall TOO	Rush Lake	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	5.13E-02
11/6/98 7:40	OINCSmall TOO	Box Elder Wash	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	1.16E-01

Inputs Used for Std Emissions

Facility	Site	Waterbody	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm ³	P: average annual precipitation, cm/yr	I: average annual irrigation	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body
11/6/98 7:41	OINCSmall TOC	Blue Lakes	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	3.35E-01
11/6/98 7:42	OINCSmall TOC	Soldier Creek	1.27E+00	2.20E-01	3.96E+01	0.00E+00	2.77E+01	1.35E-01

Inputs Used for Std Emissions

Facility	Site	Waterbody	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² -yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 3:59	CINC	209	Lawsons Fork Creek	3.00E+00		8.30E+05		1.33E+07		1.13E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:00	CINC	209	Tyger River	3.00E+00		1.04E+06		2.08E+07		5.37E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:01	CINC	209	Fair Forest Creek	3.00E+00		7.64E+05		1.74E+07		8.81E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:01	CINC	209	Middle Tyger River	3.00E+00		1.19E+06		7.10E+06		1.22E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:02	CINC	214	Fish Ponds	3.00E+00		6.23E+05		6.75E+04		6.25E+05	1.00E-03	7.30E+02	3.70E-01
11/6/98 4:03	CINC	214	Lake Clause	3.00E+00		1.34E+05		2.83E+05		3.25E+06	1.00E-03	7.30E+02	3.70E-01
11/6/98 4:04	CINC	214	University Lake/ City Park Lake	3.00E+00		2.24E+05		1.40E+05		5.68E+05	1.00E-03	7.30E+02	3.70E-01
11/6/98 4:04	CINC	214	Comite River	3.00E+00		2.69E+05		3.72E+06		4.97E+08	1.00E-03	7.30E+02	1.59E+00
11/6/98 4:05	CINC	221	Highlands Reservoir	3.00E+00		6.30E+04		5.23E+04		6.30E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:06	CINC	221	Sheldon Reservoir	3.00E+00		6.36E+04		5.36E+04		6.73E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:07	CINC	221	San Jacinto River / Houston Lake	3.00E+00		5.67E+05		5.67E+05		2.33E+09	1.00E-03	7.30E+02	7.01E-01
11/6/98 4:08	CINC	324	Shades Creek	3.00E+00		8.32E+05		7.79E+06		1.98E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:08	CINC	324	Valley Creek	3.00E+00		1.20E+06		1.21E+07		2.80E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:09	CINC	324	Bayview Lake	3.00E+00		7.08E+05		6.48E+06		4.04E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:10	CINC	324	Cahaba River	3.00E+00		1.04E+06		8.98E+06		3.49E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:10	CINC	325	Big Hill Creek	3.00E+00		2.67E+05		3.39E+06		5.70E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:11	CINC	325	Potato Creek	3.00E+00		2.31E+05		1.31E+06		8.74E+06	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:12	CINC	325	Claymore Creek	3.00E+00		2.99E+05		9.54E+05		6.34E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:13	CINC	325	Verdigris River	3.00E+00		1.11E+07		1.72E+09		1.72E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:14	CINC	331	Rocky River	3.00E+00		1.90E+05		2.99E+06		2.30E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:14	CINC	331	East Branch Black River	3.00E+00		4.45E+06		1.75E+08		1.73E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:15	CINC	331	Wyleswood Lake	3.00E+00		1.81E+05		7.12E+03		1.06E+04	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:16	CINC	331	Baldwin Lake	3.00E+00		1.24E+05		4.92E+05		3.93E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:17	CINC	359	Kentucky River	3.00E+00		1.07E+06		2.21E+07		8.69E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:17	CINC	359	Indian Creek	3.00E+00		1.15E+06		1.40E+07		1.62E+08	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:18	CINC	359	Indian Kentucky Creek	3.00E+00		1.20E+06		1.43E+07		3.15E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:19	CINC	359	Ohio River	3.00E+00		1.09E+06		2.41E+07		9.55E+10	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:20	CINC	A15	Tonawanda Creek	3.00E+00		1.37E+04		1.37E+06		4.32E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:20	CINC	A15	Murder Creek	3.00E+00		9.60E+04		1.04E+06		3.59E+07	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:21	CINC	A15	Ellicott Creek	3.00E+00		1.97E+05		2.40E+06		1.41E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:22	CINC	A18	Taylor Bayou	3.00E+00		1.74E+05		3.40E+06		1.73E+08	1.00E-03	7.30E+02	7.01E-01
11/6/98 4:23	CINC	A18	Hillebrandt Bayou	3.00E+00		1.71E+05		4.01E+06		1.26E+07	1.00E-03	7.30E+02	7.01E-01
11/6/98 4:23	CINC	A18	Viterbo Reservoir	3.00E+00		1.85E+05		6.47E+05		6.47E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:24	CINC	CAL	Tennessee River	3.00E+00		6.05E+05		1.40E+07		5.79E+10	1.00E-03	7.30E+02	1.46E-01
11/6/98 4:25	CINC	CAL	Kentucky Lake	3.00E+00		2.22E+06		3.28E+07		2.94E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:26	CINC	CAL	Barkley Lake	3.00E+00		8.71E+05		9.72E+06		7.13E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:26	CINC	CAL	Cumberland River	3.00E+00		1.14E+06		1.63E+07		2.89E+10	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:27	CINC	ELD	Flat Creek	3.00E+00		1.93E+05		1.93E+06		6.62E+07	1.00E-03	7.30E+02	1.59E+00
11/6/98 4:28	CINC	ELD	Salt Creek	3.00E+00		9.13E+04		4.86E+05		1.02E+07	1.00E-03	7.30E+02	1.59E+00
11/6/98 4:29	CINC	ELD	Calton Lake	3.00E+00		9.97E+04		5.41E+05		1.05E+07	1.00E-03	7.30E+02	3.70E-01
11/6/98 4:29	CINC	ELD	Ouachita River	3.00E+00		1.07E+05		1.68E+06		3.60E+09	1.00E-03	7.30E+02	1.59E+00
11/6/98 4:30	CINC	SAU	Horseshoe Lake	3.00E+00		1.03E+05		1.94E+05		3.01E+06	1.00E-03	7.30E+02	3.70E-01
11/6/98 4:31	CINC	SAU	Old Catokoke Creek	3.00E+00		8.42E+05		2.86E+05		4.98E+06	1.00E-03	7.30E+02	6.62E-01
11/6/98 4:32	CINC	SAU	Mississippi River	3.00E+00		4.61E+05		1.07E+07		3.94E+11	1.00E-03	7.30E+02	6.62E-01
11/6/98 4:33	CK	202	Elk City Lake	3.00E+00		1.92E+05		1.92E+06		7.39E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:34	CK	202	Montgomery County State Park Lake	3.00E+00		3.10E+05		6.79E+05		1.00E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:35	CK	202	Verdigris River	3.00E+00		2.19E+05		8.28E+06		1.61E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:36	CK	203	Catalpa Creek	3.00E+00		3.46E+05		5.11E+06		1.06E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:36	CK	203	Gilmer Creek	3.00E+00		4.37E+05		4.84E+06		1.00E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:37	CK	203	N. Branch Magowah Creek	3.00E+00		3.24E+05		1.59E+06		6.34E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:38	CK	203	Shotbag Creek	3.00E+00		3.78E+05		3.52E+06		6.34E+07	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:39	CK	204	Bay Creek	3.00E+00		8.10E+05		1.12E+07		1.20E+08	1.00E-03	7.30E+02	6.62E-01
11/6/98 4:40	CK	204	Little Calumet Creek	3.00E+00		9.81E+05		6.62E+07		6.62E+07	1.00E-03	7.30E+02	6.62E-01
11/6/98 4:40	CK	204	Upper and Lower Swan Lake	3.00E+00		1.08E+05		1.08E+05		5.98E+05	1.00E-03	7.30E+02	3.70E-01
11/6/98 4:41	CK	204	Mississippi River	3.00E+00		8.52E+05		3.44E+07		1.16E+11	1.00E-03	7.30E+02	6.62E-01
11/6/98 4:42	CK	302	Maumee River	3.00E+00		7.47E+04		1.75E+06		4.58E+10	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:43	CK	302	Auglaize River	3.00E+00		6.57E+04		1.96E+06		5.68E+10	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:43	CK	302	Six Mile Creek	3.00E+00		9.99E+04		7.93E+05		2.30E+09	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:44	CK	304	Big Walnut Creek	3.00E+00		1.24E+06		2.41E+07		3.04E+08	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:45	CK	304	Glenn Flint Lake	3.00E+00		5.98E+05		2.99E+06		6.04E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:46	CK	304	Deer Creek	3.00E+00		1.04E+06		2.35E+07		8.40E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:47	CK	320	Mud Davis Lake	3.00E+00		3.81E+04		3.81E+04		1.07E+07	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:47	CK	320	Thunder Bay River	3.00E+00		1.05E+05		1.60E+06		8.93E+08	1.00E-03	7.30E+02	2.04E-01
11/6/98 4:48	CK	320	Long Lake	3.00E+00		5.26E+04		3.44E+05		7.74E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:49	CK	321	Black Warrior River (most inclusive data)	3.00E+00		3.63E+05		7.14E+06		5.60E+09	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:50	CK	321	Powell Creek	3.00E+00		7.00E+05		1.02E+07		3.41E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 4:50	CK	321	Lake Demopolis	3.00E+00		3.63E+05		7.14E+06		1.09E+08	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:51	CK	321	Lake Henry	3.00E+00		8.55E+05		1.76E+06		1.76E+06	1.00E-03	7.30E+02	5.84E-02
11/6/98 4:52	CK	BAT	Monocacy Creek	3.00E+00		8.75E+05		1.20E+07		4.73E+07	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:53	CK	BAT	Lehigh River	3.00E+00		9.61E+05		3.48E+07		2.13E+09	1.00E-03	7.30E+02	2.63E-01
11/6/98 4:54	CK	CHA	Allen Lake	3.00E+00		7.03E+04		2.72E+04		1.25E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:54	CK	CHA	Sante Fe Lake	3.00E+00		1.71E+05		8.96E+05		8.96E+05	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:55	CK	CHA	Nesho River	3.00E+00		2.06E+05		7.58E+06		2.20E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:56	CK	FOR	Walnut Bayou	3.00E+00		1.11E+05		1.89E+06		6.62E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:57	CK	FOR	West Flat Creek	3.00E+00		1.42E+05		7.96E+05		9.46E+06	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:58	CK	FOR	Hamilton Lake	3.00E+00		5.39E+04		5.39E+04		1.30E+06	1.00E-03	7.30E+02	6.81E-01
11/6/98 4:58	CK	FRE	Salt Creek	3.00E+00		1.73E+05		1.06E+06		2.78E+07	1.00E-03	7.30E+02	2.01E+00
11/6/98 4:59	CK	FRE	Verdigris River	3.00E+00		3.93E+05		3.93E+06		1.13E+09	1.00E-03	7.30E+02	2.01E+00
11/6/98 5:00	CK	FRE	Fall River	3.00E+00		2.65E+05		5.31E+06		4.61E+08	1.00E-03	7.30E+02	2.01E+00
11/6/98 5:01	CK	HAR	Indian Field Swamp	3.00E+00		1.72E+05		5.51E+04		1.25E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 5:02	CK	HAR	Walnut Branch	3.00E+00		7.22E+04		7.28E+03		3.38E+08	1.00E-03	7.30E+02	2.34E-01
11/6/98 5:02	CK	HAR	Huttos Lake	3.00E+00		2.16E+05		6.24E+04		1.11E+05	1.00		

Inputs Used for Std Emissions

Facility	Site	Waterbody	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² -yr	L. S. sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 5.07	CK	TEX	Waxahachie Creek	3.00E+00		3.73E+05	6.21E+06	8.79E+06	1.00E-03	7.30E+02	7.01E-01	
11/6/98 5.08	CK	WAM	Connoquenessing Creek	3.00E+00		4.82E+05	1.06E+07	4.65E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.09	CK	WAM	Hereford Manor Lake	3.00E+00		8.62E+05	4.59E+05	5.32E+05	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.10	CK	WAM	Beaver River	3.00E+00		5.75E+05	1.17E+07	3.25E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.10	CK	WAM	Slippery Rock Creek	3.00E+00		7.55E+05	1.04E+07	1.03E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.12	LWAK	ARV	James River	3.00E+00		5.88E+05	2.43E+07	3.60E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.13	LWAK	ARV	Sports Lake	3.00E+00		9.15E+05	6.44E+06	1.01E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.14	LWAK	ARV	Holman Creek	3.00E+00		3.76E+05	8.07E+05	1.26E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.14	LWAK	ARV	Rivanna River	3.00E+00		5.60E+05	1.28E+07	3.41E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.15	LWAK	BRO	Bluelick Creek (includes Clear Run)	3.00E+00		2.50E+06	7.65E+06	1.26E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.16	LWAK	BRO	McNeely Lake	3.00E+00		3.00E+05	1.87E+06	2.69E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.17	LWAK	BRO	Silver Lake	3.00E+00		3.49E+04	2.11E+03	3.02E+04	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.18	LWAK	BRO	Salt River (includes Floyd's Fork)	3.00E+00		1.26E+06	3.89E+07	1.29E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.18	LWAK	CAS	Cascade Creek	3.00E+00		6.43E+05	7.44E+06	6.34E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 5.19	LWAK	CAS	Smith River	3.00E+00		5.11E+05	1.24E+07	5.66E+08	1.00E-03	7.30E+02	2.34E-01	
11/6/98 5.20	LWAK	CAS	Dan River	3.00E+00		7.22E+05	8.14E+05	1.94E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 5.21	LWAK	COH	Troy Reservoir	3.00E+00		7.71E+05	3.11E+05	5.30E+05	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.22	LWAK	COH	Hudson River	3.00E+00		3.39E+05	7.13E+06	1.30E+10	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.22	LWAK	COH	Mohawk River	3.00E+00		3.00E+05	2.27E+05	5.18E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.23	LWAK	COH	Tomahannock Reservoir	3.00E+00		5.89E+05	3.12E+06	1.71E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	3.00E+00		1.09E+06	4.34E+07	9.74E+08	1.00E-03	7.30E+02	2.34E-01	
11/6/98 5.25	LWAK	NOR	Long Lake/Creek	3.00E+00		9.10E+05	3.93E+06	6.35E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.26	LWAK	NOR	Lake Tillery	3.00E+00		1.70E+06	3.79E+07	4.13E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.27	INCLarge	334	Mississippi River	3.00E+00		4.84E+05	1.80E+07	1.47E+10	1.00E-03	7.30E+02	6.62E-01	
11/6/98 5.28	INCLarge	334	Vermillion River	3.00E+00		2.38E+05	4.63E+06	7.32E+07	1.00E-03	7.30E+02	6.62E-01	
11/6/98 5.29	INCLarge	334	Colby Lake	3.00E+00		4.78E+05	7.70E+04	4.78E+04	1.00E-03	7.30E+02	3.70E-01	
11/6/98 5.30	INCLarge	334	Lake Isabelle	3.00E+00		3.21E+04	1.37E+04	8.72E+04	1.00E-03	7.30E+02	3.70E-01	
11/6/98 5.30	INCLarge	463	Blue River	3.00E+00		3.16E+05	2.64E+05	8.64E+06	1.00E-03	7.30E+02	1.17E+00	
11/6/98 5.32	INCLarge	463	Rock Creek	3.00E+00		2.19E+05	4.42E+05	1.45E+07	1.00E-03	7.30E+02	1.17E+00	
11/6/98 5.33	INCLarge	463	Shoal Creek	3.00E+00		5.49E+05	5.26E+06	2.21E+06	1.00E-03	7.30E+02	1.17E+00	
11/6/98 5.34	INCLarge	463	Missouri River	3.00E+00		5.34E+05	1.09E+07	3.35E+07	1.00E-03	7.30E+02	1.17E+00	
11/6/98 5.35	INCLarge	464	Ottawa River	3.00E+00		2.33E+05	2.74E+06	1.53E+08	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.36	INCLarge	464	Twin Lakes Reservoir	3.00E+00		1.23E+06	1.21E+05	5.84E+04	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.37	INCLarge	464	Metzger/Ferguson Reservoir	3.00E+00		2.64E+05	9.32E+04	2.34E+05	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.38	INCLarge	504	Pennsauken Creek	3.00E+00		1.92E+05	5.33E+05	3.88E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.39	INCLarge	504	Darby Creek	3.00E+00		3.60E+05	3.61E+06	8.80E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.40	INCLarge	504	Cooper River Lake	3.00E+00		7.42E+04	2.50E+05	1.12E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.41	INCLarge	504	Schuykill River	3.00E+00		3.66E+05	3.72E+06	2.80E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 5.42	INCLarge	600	Lake Jackson	3.00E+00		1.02E+06	5.70E+05	1.42E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 5.43	INCLarge	600	Oyster Creek	3.00E+00		5.34E+04	3.25E+05	2.98E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 5.44	INCLarge	600	Brazos River	3.00E+00		7.20E+05	7.20E+09	7.20E+09	1.00E-03	7.30E+02	7.01E-01	
11/6/98 5.45	INCLarge	711	Brechtel Lake	3.00E+00		2.89E+04	6.37E+03	1.70E+05	1.00E-03	7.30E+02	3.70E-01	
11/6/98 5.46	INCLarge	711	Mississippi River	3.00E+00		1.04E+06	1.04E+06	1.00E+11	1.00E-03	7.30E+02	1.59E+00	
11/6/98 5.47	INCLarge	806	Wolf Lake	3.00E+00		8.69E+05	7.09E+05	1.54E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.48	INCLarge	806	Lake George	3.00E+00		2.55E+06	4.87E+05	2.55E+05	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.50	INCLarge	806	Little Calumet River	3.00E+00		1.41E+05	1.35E+06	6.62E+07	1.00E-03	7.30E+02	6.62E-01	
11/6/98 5.51	INCLarge	806	Grand Calumet River	3.00E+00		2.11E+06	4.86E+05	3.15E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.52	INCLarge	915	Genesee River	3.00E+00		1.48E+05	7.78E+05	2.52E+09	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.53	INCLarge	915	Irondequoit Bay	3.00E+00		1.87E+05	1.87E+06	4.90E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.54	INCLarge	915	Highland Reservoir	3.00E+00		1.51E+05	6.94E+02	4.36E+03	1.00E-03	7.30E+02	5.84E-02	
11/6/98 5.55	INCLarge	A32	Armand Bayou	3.00E+00		9.82E+04	1.30E+06	1.08E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 5.56	INCLarge	A43	Twelvemile Creek	3.00E+00		2.82E+04	1.08E+05	4.10E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.57	INCLarge	A43	Bergholtz Creek	3.00E+00		6.09E+04	1.68E+05	1.34E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.57	INCLarge	A43	Cayuga Creek	3.00E+00		5.84E+04	1.29E+05	1.72E+08	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.58	INCLarge	A43	Niagara River	3.00E+00		7.49E+04	1.13E+06	8.06E+08	1.00E-03	7.30E+02	2.04E-01	
11/6/98 5.59	INCLarge	A50	Carpenters Bayou	3.00E+00		8.58E+04	5.51E+05	7.45E+07	1.00E-03	7.30E+02	7.01E-01	
11/6/98 6.00	INCLarge	A50	Highlands Reservoir	3.00E+00		9.45E+04	8.55E+04	7.92E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 6.01	INCLarge	A50	Buffalo Bayou	3.00E+00		7.07E+04	1.44E+06	3.43E+09	1.00E-03	7.30E+02	7.01E-01	
11/6/98 6.01	INCLarge	A50	San Jacinto River	3.00E+00		8.63E+04	8.00E+05	2.33E+09	1.00E-03	7.30E+02	7.01E-01	
11/6/98 6.02	INCLarge	A62	Caney Creek	3.00E+00		6.93E+04	1.28E+06	1.33E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 6.03	INCLarge	A62	E & W Fork Crystal Cr.	3.00E+00		3.69E+05	3.70E+06	1.10E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 6.04	INCLarge	A62	Stewarts Creek	3.00E+00		1.57E+05	9.79E+05	4.31E+07	1.00E-03	7.30E+02	7.01E-01	
11/6/98 6.05	INCLarge	A62	Lewis Creek Reservoir	3.00E+00		7.49E+04	1.18E+05	1.25E+06	1.00E-03	7.30E+02	6.81E-01	
11/6/98 6.05	INCLarge	B20	Cuyahoga River	3.00E+00		2.80E+05	3.15E+06	6.58E+08	1.00E-03	7.30E+02	2.04E-01	
11/6/98 6.06	INCLarge	B20	Upper and Lower Shaker Lake	3.00E+00		7.07E+04	9.46E+04	1.62E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6.07	INCLarge	B20	Euclid Creek	3.00E+00		1.44E+05	5.85E+05	3.15E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 6.08	INCLarge	B20	Fairmont Reservoir	3.00E+00		8.82E+04	6.45E+03	4.12E+04	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6.09	INCLarge	HAN	Fabus River	3.00E+00		5.74E+05	1.43E+07	3.41E+08	1.00E-03	7.30E+02	6.62E-01	
11/6/98 6.10	INCLarge	HAN	Spring Lake	3.00E+00		1.73E+05	1.58E+04	2.29E+04	1.00E-03	7.30E+02	3.70E-01	
11/6/98 6.10	INCLarge	HAN	Mississippi River	3.00E+00		5.64E+05	2.23E+07	7.03E+10	1.00E-03	7.30E+02	6.62E-01	
11/6/98 6.11	INCLarge	KIN	North Fork Holston River	3.00E+00		1.27E+06	1.35E+07	3.41E+08	1.00E-03	7.30E+02	1.46E-01	
11/6/98 6.12	INCLarge	KIN	Kingsport Reservoir	3.00E+00		3.15E+05	8.84E+04	3.08E+05	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6.13	INCLarge	KIN	South Fork Holston River	3.00E+00		1.19E+06	1.77E+07	1.61E+09	1.00E-03	7.30E+02	1.46E-01	
11/6/98 6.14	INCLarge	KIN	Reedy Creek	3.00E+00		1.01E+06	9.01E+06	3.15E+07	1.00E-03	7.30E+02	1.46E-01	
11/6/98 6.15	INCLarge	MCI	Hals Lake	3.00E+00		1.61E+05	2.37E+06	3.35E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6.15	INCLarge	MCI	Helicat Lake	3.00E+00		1.95E+04	3.00E+04	2.13E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6.16	INCLarge	MCI	Alabama River	3.00E+00		3.44E+04	7.73E+05	2.08E+10	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6.17	INCLarge	MCI	Tombigbee River	3.00E+00		1.69E+05	5.58E+06	1.64E+10	1.00E			

Inputs Used for Std Emissions

Facility	Site	Waterbody	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² *yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 6:26	OINCSmall 340	Proctor Creek	calculated	3.00E+00		5.31E+05		3.57E+06	6.34E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:27	OINCSmall 340	Fish Creek	calculated	3.00E+00		7.23E+05		9.64E+06	2.01E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:28	OINCSmall 340	Ohio River	redundant	3.00E+00		1.01E+06		4.51E+07	3.49E+10	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:29	OINCSmall 342	Kalamazoo River	calculated	3.00E+00		2.33E+05		2.98E+06	1.01E+09	1.00E-03	7.30E+02	2.04E-01	
11/6/98 6:30	OINCSmall 342	East Lake	calculated	3.00E+00		1.45E+05		1.12E+06	1.10E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6:30	OINCSmall 342	Portage Creek	calculated	3.00E+00		2.19E+05		1.84E+06	4.83E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 6:31	OINCSmall 342	Portage River	calculated	3.00E+00		2.41E+05		2.58E+06	6.38E+07	1.00E-03	7.30E+02	2.04E-01	
11/6/98 6:32	OINCSmall 453	Lake Spivey	calculated	3.00E+00		2.48E+06		4.80E+06	7.02E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6:33	OINCSmall 453	Jester Creek	calculated	3.00E+00		2.93E+06		5.72E+06	3.15E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:34	OINCSmall 453	Flint River	calculated	3.00E+00		1.78E+06		1.25E+07	1.20E+08	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:35	OINCSmall 468	Wissahickon Creek	calculated	3.00E+00		2.77E+06		2.40E+06	6.59E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:36	OINCSmall 468	Tacony Creek	calculated	3.00E+00		1.91E+05		6.74E+05	2.37E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:36	OINCSmall 468	Schuykill	calculated	3.00E+00		5.32E+05		7.14E+06	2.80E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:37	OINCSmall 468	Pickering Creek Reservoir	calculated	3.00E+00		8.13E+05		1.51E+06	5.05E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6:38	OINCSmall 701	Wabash River	calculated	3.00E+00		3.55E+05		1.30E+07	9.21E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:39	OINCSmall 701	Sugar Creek	calculated	3.00E+00		5.02E+05		6.26E+06	5.02E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:40	OINCSmall 701	Big Raconon Creek	calculated	3.00E+00		8.16E+05		1.52E+07	4.70E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:41	OINCSmall 704	Garvey Reservoir	calculated	3.00E+00		1.70E+04		2.32E+02	1.52E+03	1.00E-03	7.30E+02	8.76E-02	
11/6/98 6:41	OINCSmall 704	Logg Lake	calculated	3.00E+00		2.47E+04		4.82E+02	1.76E+03	1.00E-03	7.30E+02	8.76E-02	
11/6/98 6:42	OINCSmall 704	Silver Lake Res.	calculated	3.00E+00		6.10E+06		7.47E+05	1.61E+04	1.00E-03	7.30E+02	8.76E-02	
11/6/98 6:43	OINCSmall 708	Grindle Creek	calculated	3.00E+00		1.22E+05		2.50E+06	6.62E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:44	OINCSmall 708	Parker Creek	calculated	3.00E+00		2.66E+05		8.97E+05	1.26E+07	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:45	OINCSmall 708	Tranters Creek	calculated	3.00E+00		1.26E+05		2.71E+06	3.41E+08	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:46	OINCSmall 725	Passaic River	calculated	3.00E+00		3.12E+05		1.02E+09	1.25E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:47	OINCSmall 725	Silver Lake Reservoir	calculated	3.00E+00		7.87E+04		3.38E+03	4.00E+04	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6:47	OINCSmall 725	Reservoir No. 2	calculated	3.00E+00		1.96E+05		2.27E+03	8.94E+03	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6:48	OINCSmall 725	Rahway River	calculated	3.00E+00		1.97E+05		2.94E+04	1.54E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:49	OINCSmall 824	Newton Lake	calculated	3.00E+00		5.64E+04		7.95E+04	2.73E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 6:50	OINCSmall 824	Big Timber Creek	calculated	3.00E+00		1.90E+05		1.92E+06	8.10E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:51	OINCSmall 824	Darby Creek	calculated	3.00E+00		3.20E+05		3.39E+06	8.80E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:52	OINCSmall 824	Schuykill River	calculated	3.00E+00		3.70E+05		2.68E+06	2.80E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 6:52	OINCSmall 904	Pascagoula River	calculated	3.00E+00		1.19E+05		6.05E+05	1.41E+10	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:53	OINCSmall 904	Escatawpa River	calculated	3.00E+00		2.18E+05		3.55E+06	2.33E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 6:54	OINCSmall 906	Mississippi River	calculated	3.00E+00		4.69E+05		1.18E+07	4.88E+10	1.00E-03	7.30E+02	6.62E-01	
11/6/98 6:55	OINCSmall 906	Coopers Creek	calculated	3.00E+00		5.82E+05		6.63E+06	9.96E+07	1.00E-03	7.30E+02	6.62E-01	
11/6/98 6:56	OINCSmall 906	Eliza Creek	calculated	3.00E+00		6.39E+05		6.94E+06	1.00E+08	1.00E-03	7.30E+02	6.62E-01	
11/6/98 6:57	OINCSmall 906	Muscataine Slough	calculated	3.00E+00		3.31E+05		6.39E+06	6.32E+09	1.00E-03	7.30E+02	6.62E-01	
11/6/98 6:58	OINCSmall A14	New River	calculated	3.00E+00		1.51E+05		3.28E+06	1.07E+08	1.00E-03	7.30E+02	1.59E+00	
11/6/98 6:58	OINCSmall A14	Bayou Conway	calculated	3.00E+00		1.74E+05		2.49E+06	6.32E+07	1.00E-03	7.30E+02	1.59E+00	
11/6/98 6:59	OINCSmall A14	Mississippi River	calculated	3.00E+00		2.40E+05		2.00E+06	4.16E+11	1.00E-03	7.30E+02	1.59E+00	
11/6/98 7:00	OINCSmall A14	Bayou Lafourche	calculated	3.00E+00		2.11E+05		1.47E+05	2.29E+08	1.00E-03	7.30E+02	1.59E+00	
11/6/98 7:01	OINCSmall A26	Big Creek (includes Sulphur Spring Creek)	calculated	3.00E+00		1.34E+06		8.21E+06	1.29E+07	1.00E-03	7.30E+02	2.01E+00	
11/6/98 7:02	OINCSmall A26	Cane Creek	calculated	3.00E+00		5.90E+05		6.30E+07	8.62E+07	1.00E-03	7.30E+02	2.49E+00	
11/6/98 7:03	OINCSmall A26	Dota Creek	calculated	3.00E+00		1.28E+06		2.35E+07	3.41E+08	1.00E-03	7.30E+02	2.01E+00	
11/6/98 7:04	OINCSmall A31	Nottaway River	calculated	3.00E+00		3.77E+05		8.10E+06	1.29E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 7:04	OINCSmall A31	Chowan River	calculated	3.00E+00		2.47E+05		6.56E+06	3.60E+09	1.00E-03	7.30E+02	2.34E-01	
11/6/98 7:05	OINCSmall A31	Nottaway Swamp (a creek)	calculated	3.00E+00		1.49E+05		6.62E+07	1.00E+03	1.00E-03	7.30E+02	2.34E-01	
11/6/98 7:06	OINCSmall A45	Sheldon Reservoir	calculated	3.00E+00		6.44E+04		4.95E+04	6.73E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 7:07	OINCSmall A45	Highlands Reservoir	calculated	3.00E+00		4.77E+04		6.52E+04	8.62E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 7:08	OINCSmall A45	Greens Bayou	calculated	3.00E+00		2.19E+04		1.85E+05	4.73E+07	1.00E-03	7.30E+02	7.01E-01	
11/6/98 7:09	OINCSmall A45	Buffalo Bayou	calculated	3.00E+00		4.23E+04		5.95E+05	2.84E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 7:10	OINCSmall A46	Little Muskingum River	calculated	3.00E+00		1.01E+06		1.95E+07	2.30E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 7:10	OINCSmall A46	Ohio River	calculated	3.00E+00		8.10E+05		1.44E+07	2.52E+10	1.00E-03	7.30E+02	2.63E-01	
11/6/98 7:11	OINCSmall A46	Middle Island Creek	calculated	3.00E+00		1.04E+06		2.45E+07	3.41E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 7:12	OINCSmall A47	Caney River	calculated	3.00E+00		4.04E+05		1.17E+07	3.41E+08	1.00E-03	7.30E+02	2.01E+00	
11/6/98 7:13	OINCSmall A47	Sand Creek	calculated	3.00E+00		2.58E+05		3.70E+06	6.62E+07	1.00E-03	7.30E+02	2.01E+00	
11/6/98 7:14	OINCSmall A47	Bar-Dew Lake	calculated	3.00E+00		2.48E+05		2.13E+05	3.15E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 7:15	OINCSmall A47	Lake Hudson	calculated	3.00E+00		2.45E+05		9.04E+05	1.98E+06	1.00E-03	7.30E+02	6.81E-01	
11/6/98 7:16	OINCSmall A55	Mohawk River	calculated	3.00E+00		8.26E+05		2.72E+05	5.49E+09	1.00E-03	7.30E+02	2.63E-01	
11/6/98 7:16	OINCSmall A55	Acplause Kill River	calculated	3.00E+00		2.75E+05		4.17E+06	8.89E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 7:17	OINCSmall A55	Stony Creek Reservoir	calculated	3.00E+00		8.72E+05		2.54E+06	6.94E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 7:18	OINCSmall A55	Waterliet Reservoir	calculated	3.00E+00		2.51E+05		5.81E+06	6.14E+07	1.00E-03	7.30E+02	5.84E-02	
11/6/98 7:19	OINCSmall B18	Gulf Intercostal Waterway	calculated	3.00E+00		7.55E+04		1.07E+06	6.50E+08	1.00E-03	7.30E+02	1.59E+00	
11/6/98 7:20	OINCSmall B18	Bayou La Butte	calculated	3.00E+00		1.48E+05		8.10E+05	6.34E+07	1.00E-03	7.30E+02	1.59E+00	
11/6/98 7:21	OINCSmall B18	Mississippi River	calculated	3.00E+00		3.96E+05		4.41E+06	4.17E+11	1.00E-03	7.30E+02	1.59E+00	
11/6/98 7:22	OINCSmall B18	Bayou Manchac	calculated	3.00E+00		2.04E+05		2.51E+06	3.69E+07	1.00E-03	7.30E+02	1.59E+00	
11/6/98 7:22	OINCSmall B23	Hillbrandt Bayou	calculated	3.00E+00		9.25E+04		9.04E+05	1.31E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 7:23	OINCSmall B23	Cow Bayou	calculated	3.00E+00		1.31E+05		1.14E+06	2.10E+08	1.00E-03	7.30E+02	7.01E-01	
11/6/98 7:24	OINCSmall B23	Neches River	calculated	3.00E+00		6.71E+04		5.73E+05	7.17E+09	1.00E-03	7.30E+02	7.01E-01	
11/6/98 7:25	OINCSmall B23	Port Arthur Reservoir	calculated	3.00E+00		2.75E+04		5.16E+03	1.04E+05	1.00E-03	7.30E+02	6.81E-01	
11/6/98 19:31	OINCSmall B31	Wassahickon Creek	calculated	3.00E+00		2.66E+05		3.37E+06	7.78E+07	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19:32	OINCSmall B31	Neshaminy Creek	calculated	3.00E+00		3.21E+06		4.20E+06	3.36E+08	1.00E-03	7.30E+02	2.63E-01	
11/6/98 19:33	OINCSmall B31	Peace Valley Reservoir	calculated	3.00E+00		4.90E+05		1.07E+06	4.44E+06	1.00E-03	7.30E+02	5.84E-02	
11/6/98 19:34	OINCSmall B31	Schuykill River	calculated	3.00E+00		5.21E+05							

Inputs Used for Std Emissions

Facility	Site	Waterbody	ef: pollutant enrichment factor	Xe: sediment loss rate, kg/km ² -yr	L S: sed. erosion to receiving water, kg/yr	Dilution Outflow (m3/yr)	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	3.00E+00	1.76E+03	5.22E+02	1.41E+04	1.00E-03	7.30E+02	9.73E-03
11/6/98 7:42	OINCSmall TOC	Soldier Creek	3.00E+00	1.10E+05	4.72E+05	1.32E+07	1.00E-03	7.30E+02	1.27E-01

calculated

calculated

redundant

redundant

calculated

Inputs Used for Std Emissions

Site	State	Waterbody	Suspended Sediment Concentration (g/m ³ =mg(sediment)/L(water column))	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	Biotic mortality rate (/day)	Settling rate for biotic solids (m/yr)
11/6/98 3:59	CINC	209	5.06E+01	2.60E-01	1.58E-01	1.28E+06	3.00E-02	7.30E+01
11/6/98 4:00	CINC	209	2.83E+01	4.34E-02	1.58E-01	5.84E+06	3.00E-02	7.30E+01
11/6/98 4:01	CINC	209	7.38E+01	4.88E-01	1.58E-01	9.78E+05	3.00E-02	7.30E+01
11/6/98 4:01	CINC	209	3.94E+01	1.50E-01	1.58E-01	6.69E+05	3.00E-02	7.30E+01
11/6/98 4:02	CINC	214	3.80E+01	7.50E-03	1.58E-01	9.74E+06	3.00E-02	7.30E+01
11/6/98 4:03	CINC	214	3.90E+01	1.63E-02	1.58E-01	6.87E+05	3.00E-02	7.30E+01
11/6/98 4:04	CINC	214	3.82E+01	9.04E-03	1.58E-01	2.91E+06	3.00E-02	7.30E+01
11/6/98 4:04	CINC	214	6.72E+01	0.00E+00	1.58E-01	1.38E+06	3.00E-02	7.30E+01
11/6/98 4:05	CINC	221	7.00E+01	7.35E-03	1.58E-01	6.15E+06	3.00E-02	7.30E+01
11/6/98 4:06	CINC	221	7.00E+01	7.34E-03	1.58E-01	1.72E+07	3.00E-02	7.30E+01
11/6/98 4:07	CINC	221	6.07E+01	0.00E+00	1.58E-01	5.55E+07	3.00E-02	7.30E+01
11/6/98 4:07	CINC	221	3.00E+01	5.99E-02	1.58E-01	1.60E+06	3.00E-02	7.30E+01
11/6/98 4:08	CINC	324	2.95E+01	5.49E-02	1.58E-01	3.12E+06	3.00E-02	7.30E+01
11/6/98 4:09	CINC	324	1.10E+01	5.42E-02	1.58E-01	5.43E+06	3.00E-02	7.30E+01
11/6/98 4:10	CINC	324	2.47E+01	7.51E-03	1.58E-01	2.37E+06	3.00E-02	7.30E+01
11/6/98 4:10	CINC	325	1.60E+02	0.00E+00	1.58E-01	5.57E+05	3.00E-02	7.30E+01
11/6/98 4:11	CINC	325	1.81E+02	0.00E+00	1.58E-01	5.04E+04	3.00E-02	7.30E+01
11/6/98 4:12	CINC	325	1.40E+02	0.00E+00	1.58E-01	5.39E+05	3.00E-02	7.30E+01
11/6/98 4:13	CINC	325	1.00E+02	0.00E+00	1.58E-01	6.79E+06	3.00E-02	7.30E+01
11/6/98 4:14	CINC	331	1.92E+01	0.00E+00	1.58E-01	3.57E+06	3.00E-02	7.30E+01
11/6/98 4:14	CINC	331	2.25E+01	1.58E-02	1.58E-01	1.69E+06	3.00E-02	7.30E+01
11/6/98 4:15	CINC	331	6.21E+00	9.32E-03	1.58E-01	1.53E+05	3.00E-02	7.30E+01
11/6/98 4:16	CINC	331	1.09E+01	5.30E-02	1.58E-01	4.11E+05	3.00E-02	7.30E+01
11/6/98 4:17	CINC	359	6.80E+00	0.00E+00	1.58E-01	8.18E+06	3.00E-02	7.30E+01
11/6/98 4:17	CINC	359	6.71E+01	3.90E-01	1.58E-01	3.43E+05	3.00E-02	7.30E+01
11/6/98 4:18	CINC	359	1.48E+02	1.18E+00	1.58E-01	3.52E+05	3.00E-02	7.30E+01
11/6/98 4:19	CINC	359	3.79E+00	0.00E+00	1.58E-01	6.49E+07	3.00E-02	7.30E+01
11/6/98 4:20	CINC	A15	1.63E+01	0.00E+00	1.58E-01	5.37E+06	3.00E-02	7.30E+01
11/6/98 4:20	CINC	A15	2.37E+01	2.77E-02	1.58E-01	3.18E+05	3.00E-02	7.30E+01
11/6/98 4:21	CINC	A15	2.00E+01	0.00E+00	1.58E-01	1.87E+06	3.00E-02	7.30E+01
11/6/98 4:22	CINC	A18	5.28E+01	0.00E+00	1.58E-01	1.34E+06	3.00E-02	7.30E+01
11/6/98 4:23	CINC	A18	1.03E+02	3.05E-01	1.58E-01	3.92E+05	3.00E-02	7.30E+01
11/6/98 4:23	CINC	A18	7.02E+01	9.27E-03	1.58E-01	2.07E+06	3.00E-02	7.30E+01
11/6/98 4:24	CINC	CAL	1.30E+00	0.00E+00	1.58E-01	1.99E+07	3.00E-02	7.30E+01
11/6/98 4:25	CINC	CAL	6.80E+00	1.51E-02	1.58E-01	1.82E+08	3.00E-02	7.30E+01
11/6/98 4:26	CINC	CAL	6.37E+00	1.09E-02	1.58E-01	1.15E+08	3.00E-02	7.30E+01
11/6/98 4:26	CINC	CAL	4.39E+00	0.00E+00	1.58E-01	2.19E+07	3.00E-02	7.30E+01
11/6/98 4:27	CINC	ELD	1.13E+02	0.00E+00	1.58E-01	4.98E+05	3.00E-02	7.30E+01
11/6/98 4:28	CINC	ELD	1.53E+02	0.00E+00	1.58E-01	4.74E+05	3.00E-02	7.30E+01
11/6/98 4:29	CINC	ELD	3.81E+01	7.98E-03	1.58E-01	6.33E+06	3.00E-02	7.30E+01
11/6/98 4:29	CINC	ELD	4.52E+01	0.00E+00	1.58E-01	6.10E+06	3.00E-02	7.30E+01
11/6/98 4:30	CINC	SAU	3.80E+01	7.43E-03	1.58E-01	2.95E+07	3.00E-02	7.30E+01
11/6/98 4:31	CINC	SAU	0.63E+00	0.00E+00	1.58E-01	7.35E+04	3.00E-02	7.30E+01
11/6/98 4:32	CINC	SAU	3.18E+00	0.00E+00	1.58E-01	8.53E+07	3.00E-02	7.30E+01
11/6/98 4:33	CK	202	7.02E+01	8.91E-03	1.58E-01	4.17E+07	3.00E-02	7.30E+01
11/6/98 4:34	CK	202	7.23E+01	2.97E-02	1.58E-01	1.17E+06	3.00E-02	7.30E+01
11/6/98 4:35	CK	202	1.25E+02	0.00E+00	1.58E-01	1.07E+07	3.00E-02	7.30E+01
11/6/98 4:36	CK	203	2.93E+01	5.38E-02	1.58E-01	1.69E+06	3.00E-02	7.30E+01
11/6/98 4:36	CK	203	4.09E+01	4.09E-01	1.58E-01	4.03E+05	3.00E-02	7.30E+01
11/6/98 4:37	CK	203	2.44E+01	4.71E-03	1.58E-01	5.25E+05	3.00E-02	7.30E+01
11/6/98 4:38	CK	203	3.43E+01	1.02E-01	1.58E-01	5.81E+05	3.00E-02	7.30E+01
11/6/98 4:39	CK	204	7.76E+01	9.99E-02	1.58E-01	8.89E+05	3.00E-02	7.30E+01
11/6/98 4:40	CK	204	6.11E+01	0.00E+00	1.58E-01	2.89E+05	3.00E-02	7.30E+01
11/6/98 4:40	CK	204	3.83E+01	9.72E-03	1.58E-01	1.49E+06	3.00E-02	7.30E+01
11/6/98 4:41	CK	204	6.22E+00	0.00E+00	1.58E-01	4.95E+07	3.00E-02	7.30E+01
11/6/98 4:42	CK	302	9.97E+01	0.00E+00	1.58E-01	9.74E+06	3.00E-02	7.30E+01
11/6/98 4:43	CK	302	3.11E-01	0.00E+00	1.58E-01	3.39E+06	3.00E-02	7.30E+01
11/6/98 4:43	CK	302	1.57E+00	0.00E+00	1.58E-01	6.48E+05	3.00E-02	7.30E+01
11/6/98 4:44	CK	304	3.42E+01	7.44E-02	1.58E-01	8.47E+06	3.00E-02	7.30E+01
11/6/98 4:45	CK	304	9.06E+00	3.68E-02	1.58E-01	4.28E+06	3.00E-02	7.30E+01
11/6/98 4:46	CK	304	4.17E+01	1.51E-01	1.58E-01	6.05E+06	3.00E-02	7.30E+01
11/6/98 4:47	CK	320	6.09E+00	8.06E-03	1.58E-01	1.22E+07	3.00E-02	7.30E+01
11/6/98 4:47	CK	320	1.78E+01	0.00E+00	1.58E-01	1.97E+07	3.00E-02	7.30E+01
11/6/98 4:48	CK	320	6.02E+00	7.51E-03	1.58E-01	6.17E+07	3.00E-02	7.30E+01
11/6/98 4:49	CK	321	8.14E+00	0.00E+00	1.58E-01	1.08E+07	3.00E-02	7.30E+01
11/6/98 4:50	CK	321	2.77E+01	3.56E-02	1.58E-01	9.51E+05	3.00E-02	7.30E+01
11/6/98 4:50	CK	321	6.21E+00	9.17E-03	1.58E-01	1.39E+08	3.00E-02	7.30E+01
11/6/98 4:51	CK	BAT	1.77E+01	1.21E-01	1.58E-01	3.92E+05	3.00E-02	7.30E+01
11/6/98 4:52	CK	BAT	3.95E+01	1.29E-01	1.58E-01	3.61E+06	3.00E-02	7.30E+01
11/6/98 4:53	CK	BAT	2.43E+01	0.00E+00	1.58E-01	2.81E+07	3.00E-02	7.30E+01
11/6/98 4:54	CK	CHA	7.03E+01	1.06E-02	1.58E-01	2.38E+05	3.00E-02	7.30E+01
11/6/98 4:54	CK	CHA	7.11E+01	1.80E-02	1.58E-01	8.31E+05	3.00E-02	7.30E+01
11/6/98 4:55	CK	CHA	6.23E+01	0.00E+00	1.58E-01	4.02E+06	3.00E-02	7.30E+01
11/6/98 4:56	CK	FOR	1.81E+02	0.00E+00	1.58E-01	1.80E+06	3.00E-02	7.30E+01
11/6/98 4:57	CK	FOR	1.85E+02	0.00E+00	1.58E-01	2.07E+05	3.00E-02	7.30E+01
11/6/98 4:58	CK	FOR	6.98E+01	4.79E-03	1.58E-01	7.43E+05	3.00E-02	7.30E+01
11/6/98 4:58	CK	FRE	1.15E+02	0.00E+00	1.58E-01	1.04E+05	3.00E-02	7.30E+01
11/6/98 4:59	CK	FRE	9.04E+01	0.00E+00	1.58E-01	3.80E+06	3.00E-02	7.30E+01
11/6/98 5:00	CK	FRE	1.07E+02	0.00E+00	1.58E-01	2.00E+06	3.00E-02	7.30E+01
11/6/98 5:01	CK	HAR	2.05E+01	0.00E+00	1.58E-01	3.13E+06	3.00E-02	7.30E+01
11/6/98 5:02	CK	HAR	8.77E+00	0.00E+00	1.58E-01	8.69E+05	3.00E-02	7.30E+01
11/6/98 5:02	CK	HAR	6.37E+00	1.09E-02	1.58E-01	7.52E+05	3.00E-02	7.30E+01
11/6/98 5:03	CK	HOL	6.40E+00	1.12E-02	1.58E-01	7.52E+05	3.00E-02	7.30E+01
11/6/98 5:04	CK	HOL	8.26E+00	2.86E-02	1.58E-01	2.90E+05	3.00E-02	7.30E+01
11/6/98 5:05	CK	TEX	1.02E+02	2.98E-01	1.58E-01	2.49E+05	3.00E-02	7.30E+01
11/6/98 5:06	CK	TEX	7.52E+01	5.81E-02	1.58E-01	8.17E+05	3.00E-02	7.30E+01
11/6/98 5:06	CK	TEX	1.35E+02	6.14E-01	1.58E-01	3.80E+05	3.00E-02	7.30E+01

Inputs Used for Std Emissions

Facility	Site	Waterbody	Suspended Sediment Concentration (g/m ³ =mg(sediment)/L(water volume))	Burial (m ³ /yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	Biotic mortality rate (/day)	Settling rate for biotic solids (m ³ /yr)	
11/6/98 5:07	CK	TEX	Waxahachie Creek	1.39E+02	6.57E-01	1.58E-01	3.32E+05	3.00E-02	7.30E+01
11/6/98 5:08	CK	WAM	Connoquenessing Creek	2.51E+01	0.00E+00	1.58E-01	2.30E+06	3.00E-02	7.30E+01
11/6/98 5:09	CK	WAM	Hereford Manor Lake	9.30E+00	3.93E-02	1.58E-01	6.13E+05	3.00E-02	7.30E+01
11/6/98 5:10	CK	WAM	Beaver River	8.42E+00	0.00E+00	1.58E-01	3.78E+06	3.00E-02	7.30E+01
11/6/98 5:10	CK	WAM	Slippery Rock Creek	1.96E+01	0.00E+00	1.58E-01	5.99E+06	3.00E-02	7.30E+01
11/6/98 5:12	LWAK	ARV	James River	1.51E+01	0.00E+00	1.58E-01	1.12E+07	3.00E-02	7.30E+01
11/6/98 5:13	LWAK	ARV	Sports Lake	3.61E+01	2.99E-01	1.58E-01	8.99E+05	3.00E-02	7.30E+01
11/6/98 5:14	LWAK	ARV	Holman Creek	3.88E+01	1.16E-01	1.58E-01	1.20E+05	3.00E-02	7.30E+01
11/6/98 5:14	LWAK	ARV	Rivanna River	2.98E+01	2.90E-02	1.58E-01	4.24E+06	3.00E-02	7.30E+01
11/6/98 5:15	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.62E+02	1.31E+00	1.58E-01	1.86E+05	3.00E-02	7.30E+01
11/6/98 5:16	LWAK	BRO	McNeely Lake	1.41E+01	6.53E-02	1.58E-01	1.01E+06	3.00E-02	7.30E+01
11/6/98 5:17	LWAK	BRO	Silver Lake	6.05E+00	7.79E-03	1.58E-01	1.67E+05	3.00E-02	7.30E+01
11/6/98 5:18	LWAK	BRO	Salt River (includes Floyd's Fork)	2.80E+01	1.14E-02	1.58E-01	1.14E+07	3.00E-02	7.30E+01
11/6/98 5:18	LWAK	CAS	Cascade Creek	4.02E+01	1.61E-01	1.58E-01	1.35E+06	3.00E-02	7.30E+01
11/6/98 5:19	LWAK	CAS	Smith River	2.33E+01	0.00E+00	1.58E-01	4.68E+06	3.00E-02	7.30E+01
11/6/98 5:20	LWAK	CAS	Dan River	1.55E+01	0.00E+00	1.58E-01	1.53E+07	3.00E-02	7.30E+01
11/6/98 5:21	LWAK	COH	Troy Reservoir	8.36E+00	3.01E-02	1.58E-01	5.78E+05	3.00E-02	7.30E+01
11/6/98 5:22	LWAK	COH	Hudson River	1.16E+01	0.00E+00	1.58E-01	4.15E+07	3.00E-02	7.30E+01
11/6/98 5:22	LWAK	COH	Mohawk River	1.88E+01	0.00E+00	1.58E-01	5.24E+07	3.00E-02	7.30E+01
11/6/98 5:23	LWAK	COH	Tomahannock Reservoir	6.59E+00	1.29E-02	1.58E-01	2.29E+07	3.00E-02	7.30E+01
11/6/98 5:24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	3.23E+01	8.14E-02	1.58E-01	6.39E+06	3.00E-02	7.30E+01
11/6/98 5:25	LWAK	NOR	Long Lake/Creek	1.48E+01	9.21E-02	1.58E-01	1.95E+06	3.00E-02	7.30E+01
11/6/98 5:26	LWAK	NOR	Lake Tillery	8.74E+00	3.38E-02	1.58E-01	6.11E+07	3.00E-02	7.30E+01
11/6/98 5:27	INCLarge	334	Mississippi River	4.08E+00	0.00E+00	1.58E-01	9.51E+07	3.00E-02	7.30E+01
11/6/98 5:28	INCLarge	334	Vermillion River	6.77E+01	4.54E-03	1.58E-01	5.48E+06	3.00E-02	7.30E+01
11/6/98 5:29	INCLarge	334	Colby Lake	3.82E+01	9.58E-03	1.58E-01	1.46E+06	3.00E-02	7.30E+01
11/6/98 5:30	INCLarge	334	Lake Isabelle	3.80E+01	7.73E-03	1.58E-01	1.08E+06	3.00E-02	7.30E+01
11/6/98 5:30	INCLarge	463	Blue River	1.25E+02	5.95E-02	1.58E-01	1.80E+06	3.00E-02	7.30E+01
11/6/98 5:32	INCLarge	463	Rock Creek	9.74E+01	0.00E+00	1.58E-01	1.92E+05	3.00E-02	7.30E+01
11/6/98 5:33	INCLarge	463	Shoal Creek	1.94E+02	7.31E-01	1.58E-01	2.90E+05	3.00E-02	7.30E+01
11/6/98 5:34	INCLarge	463	Missouri River	1.21E+02	1.73E-02	1.58E-01	3.57E+07	3.00E-02	7.30E+01
11/6/98 5:35	INCLarge	464	Ottawa River	2.06E+01	0.00E+00	1.58E-01	4.12E+06	3.00E-02	7.30E+01
11/6/98 5:36	INCLarge	464	Twin Lakes Reservoir	9.08E+00	3.73E-02	1.58E-01	1.74E+05	3.00E-02	7.30E+01
11/6/98 5:37	INCLarge	464	Metzger/Ferguson Reservoir	6.07E+00	7.99E-03	1.58E-01	5.99E+06	3.00E-02	7.30E+01
11/6/98 5:38	INCLarge	504	Pennsauken Creek	2.23E+01	0.00E+00	1.58E-01	3.17E+05	3.00E-02	7.30E+01
11/6/98 5:39	INCLarge	504	Darby Creek	3.27E+01	5.60E-02	1.58E-01	5.74E+05	3.00E-02	7.30E+01
11/6/98 5:40	INCLarge	504	Cooper River Lake	6.55E+00	1.10E-02	1.58E-01	1.43E+06	3.00E-02	7.30E+01
11/6/98 5:41	INCLarge	504	Schuykill River	5.50E+00	0.00E+00	1.58E-01	2.42E+06	3.00E-02	7.30E+01
11/6/98 5:42	INCLarge	600	Lake Jackson	7.05E+01	1.19E-02	1.58E-01	5.33E+06	3.00E-02	7.30E+01
11/6/98 5:43	INCLarge	600	Oyster Creek	5.29E+01	0.00E+00	1.58E-01	3.60E+06	3.00E-02	7.30E+01
11/6/98 5:44	INCLarge	600	Brazos River	2.38E+01	0.00E+00	1.58E-01	1.58E+07	3.00E-02	7.30E+01
11/6/98 5:45	INCLarge	711	Brechtel Lake	3.80E+01	7.24E-03	1.58E-01	4.59E+05	3.00E-02	7.30E+01
11/6/98 5:46	INCLarge	711	Mississippi River	0.00E+00	0.00E+00	1.58E-01	2.35E+08	3.00E-02	7.30E+01
11/6/98 5:47	INCLarge	806	Wolf Lake	6.27E+00	9.96E-03	1.58E-01	1.14E+07	3.00E-02	7.30E+01
11/6/98 5:48	INCLarge	806	Lake George	7.26E+00	1.95E-02	1.58E-01	1.72E+06	3.00E-02	7.30E+01
11/6/98 5:50	INCLarge	806	Little Calumet River	6.14E+01	0.00E+00	1.58E-01	1.82E+06	3.00E-02	7.30E+01
11/6/98 5:51	INCLarge	806	Grand Calumet River	3.01E+01	9.11E-02	1.58E-01	5.69E+05	3.00E-02	7.30E+01
11/6/98 5:52	INCLarge	915	Genesee River	5.25E+00	0.00E+00	1.58E-01	3.53E+06	3.00E-02	7.30E+01
11/6/98 5:53	INCLarge	915	Irondequoit Bay	9.51E-03	9.51E-03	1.58E-01	3.25E+07	3.00E-02	7.30E+01
11/6/98 5:54	INCLarge	A32	Highland Reservoir	6.04E+00	7.71E-03	1.58E-01	7.44E+04	3.00E-02	7.30E+01
11/6/98 5:55	INCLarge	A32	Armand Bayou	3.33E+01	0.00E+00	1.58E-01	2.64E+05	3.00E-02	7.30E+01
11/6/98 5:56	INCLarge	A43	Twelvemile Creek	1.30E+01	0.00E+00	1.58E-01	2.35E+05	3.00E-02	7.30E+01
11/6/98 5:57	INCLarge	A43	Bergholtz Creek	1.93E+01	0.00E+00	1.58E-01	2.46E+05	3.00E-02	7.30E+01
11/6/98 5:57	INCLarge	A43	Cayuga Creek	8.18E+00	0.00E+00	1.58E-01	4.44E+05	3.00E-02	7.30E+01
11/6/98 5:58	INCLarge	A43	Niagara River	1.44E+01	0.00E+00	1.58E-01	7.09E+06	3.00E-02	7.30E+01
11/6/98 5:59	INCLarge	A50	Carpenters Bayou	4.52E+01	0.00E+00	1.58E-01	4.69E+05	3.00E-02	7.30E+01
11/6/98 6:00	INCLarge	A50	Highlands Reservoir	7.00E+01	7.52E-03	1.58E-01	6.15E+06	3.00E-02	7.30E+01
11/6/98 6:01	INCLarge	A50	Buffalo Bayou	2.06E+01	0.00E+00	1.58E-01	6.00E+06	3.00E-02	7.30E+01
11/6/98 6:01	INCLarge	A50	San Jacinto River	1.41E+01	0.00E+00	1.58E-01	2.46E+06	3.00E-02	7.30E+01
11/6/98 6:02	INCLarge	A62	Caney Creek	5.23E+01	0.00E+00	1.58E-01	1.29E+06	3.00E-02	7.30E+01
11/6/98 6:03	INCLarge	A62	E & W Fork Crystal Cr.	6.02E+01	0.00E+00	1.58E-01	1.11E+06	3.00E-02	7.30E+01
11/6/98 6:04	INCLarge	A62	Stewarts Creek	5.42E+01	0.00E+00	1.58E-01	3.40E+05	3.00E-02	7.30E+01
11/6/98 6:05	INCLarge	A62	Lewis Creek Reservoir	7.00E+01	7.52E-03	1.58E-01	5.70E+06	3.00E-02	7.30E+01
11/6/98 6:05	INCLarge	B20	Cuyahoga River	1.27E+01	0.00E+00	1.58E-01	2.78E+06	3.00E-02	7.30E+01
11/6/98 6:06	INCLarge	B20	Upper and Lower Shaker Lake	7.20E+00	1.80E-02	1.58E-01	3.07E+05	3.00E-02	7.30E+01
11/6/98 6:07	INCLarge	B20	Euclid Creek	2.03E+01	0.00E+00	1.58E-01	3.61E+05	3.00E-02	7.30E+01
11/6/98 6:08	INCLarge	B20	Fairmont Reservoir	6.31E+00	1.02E-02	1.58E-01	9.01E+04	3.00E-02	7.30E+01
11/6/98 6:09	INCLarge	HAN	Fabus River	6.16E+01	0.00E+00	1.58E-01	6.62E+06	3.00E-02	7.30E+01
11/6/98 6:10	INCLarge	HAN	Spring Lake	3.88E+01	1.46E-02	1.58E-01	8.87E+04	3.00E-02	7.30E+01
11/6/98 6:10	INCLarge	HAN	Mississippi River	9.02E+00	0.00E+00	1.58E-01	4.62E+07	3.00E-02	7.30E+01
11/6/98 6:11	INCLarge	KIN	North Fork Holston River	2.24E+01	7.38E-02	1.58E-01	3.49E+06	3.00E-02	7.30E+01
11/6/98 6:12	INCLarge	KIN	Kingsport Reservoir	6.55E+00	1.26E-02	1.58E-01	7.08E+05	3.00E-02	7.30E+01
11/6/98 6:13	INCLarge	KIN	South Fork Holston River	1.28E+01	0.00E+00	1.58E-01	5.77E+06	3.00E-02	7.30E+01
11/6/98 6:14	INCLarge	KIN	Reedy Creek	4.26E+01	4.66E-01	1.58E-01	6.60E+05	3.00E-02	7.30E+01
11/6/98 6:15	INCLarge	MCI	Hals Lake	8.54E+00	3.04E-02	1.58E-01	3.65E+06	3.00E-02	7.30E+01
11/6/98 6:15	INCLarge	MCI	Helicat Lake	6.10E+00	7.72E-03	1.58E-01	7.31E+05	3.00E-02	7.30E+01
11/6/98 6:16	INCLarge	MCI	Alabama River	5.61E+00	0.00E+00	1.58E-01	2.81E+07	3.00E-02	7.30E+01
11/6/98 6:17	INCLarge	MCI	Tombigbee River	6.58E+00	0.00E+00	1.58E-01	2.61E+07	3.00E-02	7.30E+01
11/6/98 6:18	INCLarge	MID	Titabawassee River (plus Sanford Lake)	1.55E+01	0.00E+00	1.58E-01	2.02E+07	3.00E-02	7.30E+01
11/6/98 6:19	INCLarge	MID	Sturgeon Creek	1.62E+01	0.00E+00	1.58E-01	7.80E+05	3.00E-02	7.30E+01
11/6/98 6:20	INCLarge	MID	Kawkawin River	1.78E+01	0.00E+00	1.58E-01	1.28E+06	3.00E-02	7.30E+01
11/6/98 6:20	INCLarge	MID	Chippewa River (most inclusive data)	1.18E+01	0.00E+00	1.58E-01	1.85E+06	3.00E-02	7.30E+01
11/6/98 6:21	INCLarge	STG	Bayou Plaquemine	1.28E+02	0.00E+00	1.58E-01	1.86E+05	3.00E-02	7.30E+01
11/6/98 6:22	INCLarge	STG	Manchac Bayou	1.27E+02	0.00E+00	1.58E-01	9.98E+05	3.00E-02	7.30E+01
11/6/98 6:23	INCLarge	STG	Bayou Fountain	1.51E+02	0.00E+00	1.58E-01	1.03E+06	3.00E-02	7.30E+01
11/6/98 6:24	INCLarge	STG	Mississippi River	1.84E+01	0.00E+00	1.58E-01	2.37E+08	3.00E-02	7.30E+01
11/6/98 6:25	INCLSmall	340	Sunfish Creek	1.44E+02	1.14E+00	1.58E-01	4.91E+05	3.00E-02	7.30E+01

Inputs Used for Std Emissions

Facility	Site	Waterbody	calculated	calculated	redundant	calculated	redundant	redundant	
			Suspended Sediment Concentration (g/m ³ =mg(sediment)/L(water volume))	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	Biotic mortality rate (/day)	Setting rate for biotic solids (m/yr)	
11/6/98 6:26	01NCSmall	340	Proctor Creek	3.79E+01	1.07E-01	1.58E-01	4.81E+05	3.00E-02	7.30E+01
11/6/98 6:27	01NCSmall	340	Fish Creek	3.32E+01	6.22E-02	1.58E-01	2.11E+06	3.00E-02	7.30E+01
11/6/98 6:28	01NCSmall	340	Ohio River	6.85E+00	0.00E+00	1.58E-01	4.29E+07	3.00E-02	7.30E+01
11/6/98 6:29	01NCSmall	342	Kalamazoo River	1.45E+01	0.00E+00	1.58E-01	8.03E+06	3.00E-02	7.30E+01
11/6/98 6:30	01NCSmall	342	East Lake	6.32E+00	1.03E-02	1.58E-01	1.57E+06	3.00E-02	7.30E+01
11/6/98 6:30	01NCSmall	342	Portage Creek	2.40E+01	3.28E-02	1.58E-01	9.96E+05	3.00E-02	7.30E+01
11/6/98 6:31	01NCSmall	342	Portage River	2.47E+01	3.87E-02	1.58E-01	1.23E+06	3.00E-02	7.30E+01
11/6/98 6:32	01NCSmall	453	Lake Spivey	9.42E+00	4.03E-02	1.58E-01	6.18E+06	3.00E-02	7.30E+01
11/6/98 6:33	01NCSmall	453	Jester Creek	6.64E+01	9.22E+01	1.58E-01	1.84E+05	3.00E-02	7.30E+01
11/6/98 6:34	01NCSmall	453	Flint River	4.70E+01	2.25E-01	1.58E-01	1.33E+06	3.00E-02	7.30E+01
11/6/98 6:35	01NCSmall	468	Wissahickon Creek	4.40E+03	2.72E+01	1.58E-01	1.25E+06	3.00E-02	7.30E+01
11/6/98 6:37	01NCSmall	468	Tacony Creek	2.92E+01	2.35E-02	1.58E-01	3.82E+05	3.00E-02	7.30E+01
11/6/98 6:36	01NCSmall	468	Schuykill	9.28E+00	0.00E+00	1.58E-01	4.73E+06	3.00E-02	7.30E+01
11/6/98 6:37	01NCSmall	468	Pickering Creek Reservoir	9.76E+00	4.33E-02	1.58E-01	1.74E+06	3.00E-02	7.30E+01
11/6/98 6:38	01NCSmall	701	Wabash River	7.31E+00	0.00E+00	1.58E-01	1.23E+07	3.00E-02	7.30E+01
11/6/98 6:39	01NCSmall	701	Sugar Creek	9.50E+00	0.00E+00	1.58E-01	7.31E+05	3.00E-02	7.30E+01
11/6/98 6:40	01NCSmall	701	Big Racoon Creek	2.95E+01	2.44E-02	1.58E-01	2.50E+06	3.00E-02	7.30E+01
11/6/98 6:41	01NCSmall	704	Garvey Reservoir	9.00E+00	7.36E-03	1.58E-01	3.81E+05	3.00E-02	7.30E+01
11/6/98 6:41	01NCSmall	704	Logg Lake	9.00E+00	7.38E-03	1.58E-01	4.42E+05	3.00E-02	7.30E+01
11/6/98 6:42	01NCSmall	704	Silver Lake Res.	1.24E+01	4.08E-02	1.58E-01	9.68E+05	3.00E-02	7.30E+01
11/6/98 6:43	01NCSmall	708	Grindle Creek	2.61E+01	2.40E-02	1.58E-01	1.65E+06	3.00E-02	7.30E+01
11/6/98 6:44	01NCSmall	708	Parker Creek	3.40E+01	1.00E-01	1.58E-01	2.08E+05	3.00E-02	7.30E+01
11/6/98 6:45	01NCSmall	708	Tranters Creek	1.90E+01	0.00E+00	1.58E-01	3.39E+06	3.00E-02	7.30E+01
11/6/98 6:46	01NCSmall	725	Passaic River	2.66E+01	5.62E-03	1.58E-01	3.47E+08	3.00E-02	7.30E+01
11/6/98 6:47	01NCSmall	725	Silver Lake Reservoir	6.01E+00	7.44E-03	1.58E-01	1.25E+06	3.00E-02	7.30E+01
11/6/98 6:47	01NCSmall	725	Reservoir No. 2	6.03E+00	7.61E-03	1.58E-01	3.41E+05	3.00E-02	7.30E+01
11/6/98 6:48	01NCSmall	725	Rahway River	2.70E+01	1.09E-02	1.58E-01	4.52E+08	3.00E-02	7.30E+01
11/6/98 6:49	01NCSmall	824	Newton Lake	6.22E+00	9.00E-03	1.58E-01	1.27E+06	3.00E-02	7.30E+01
11/6/98 6:50	01NCSmall	824	Big Timber Creek	2.47E+01	0.00E+00	1.58E-01	1.67E+05	3.00E-02	7.30E+01
11/6/98 6:51	01NCSmall	824	Darby Creek	3.22E+01	5.12E-02	1.58E-01	4.77E+05	3.00E-02	7.30E+01
11/6/98 6:52	01NCSmall	824	Schuykill River	4.25E+00	0.00E+00	1.58E-01	1.80E+06	3.00E-02	7.30E+01
11/6/98 6:52	01NCSmall	904	Pascagoula River	1.13E+00	0.00E+00	1.58E-01	2.99E+06	3.00E-02	7.30E+01
11/6/98 6:53	01NCSmall	904	Escatowpa River	1.03E+01	0.00E+00	1.58E-01	6.63E+06	3.00E-02	7.30E+01
11/6/98 6:54	01NCSmall	906	Mississippi River	1.20E+01	0.00E+00	1.58E-01	4.58E+07	3.00E-02	7.30E+01
11/6/98 6:55	01NCSmall	906	Coopers Creek	6.74E+01	0.00E+00	1.58E-01	7.15E+05	3.00E-02	7.30E+01
11/6/98 6:56	01NCSmall	906	Eliza Creek	6.73E+01	0.00E+00	1.58E-01	8.94E+05	3.00E-02	7.30E+01
11/6/98 6:57	01NCSmall	906	Muscataine Slough	9.31E+01	2.56E-01	1.58E-01	9.58E+05	3.00E-02	7.30E+01
11/6/98 6:58	01NCSmall	A14	New River	1.35E+02	0.00E+00	1.58E-01	1.81E+06	3.00E-02	7.30E+01
11/6/98 6:58	01NCSmall	A14	Bayou Conway	1.35E+02	0.00E+00	1.58E-01	9.81E+05	3.00E-02	7.30E+01
11/6/98 6:59	01NCSmall	A14	Mississippi River	1.57E+01	0.00E+00	1.58E-01	1.98E+08	3.00E-02	7.30E+01
11/6/98 7:00	01NCSmall	A14	Bayou Lafourche	7.78E+01	0.00E+00	1.58E-01	9.26E+05	3.00E-02	7.30E+01
11/6/98 7:01	01NCSmall	A26	Big Creek (includes Sulfur Spring Creek)	3.07E+02	9.88E-01	1.58E-01	1.91E+05	3.00E-02	7.30E+01
11/6/98 7:02	01NCSmall	A26	Carter Creek	0.72E+00	0.00E+00	1.58E-01	5.89E+05	3.00E-02	7.30E+01
11/6/98 7:03	01NCSmall	A26	Dota Creek	1.58E+02	0.00E+00	1.58E-01	2.85E+06	3.00E-02	7.30E+01
11/6/98 7:04	01NCSmall	A31	Nottaway River	1.64E+01	0.00E+00	1.58E-01	7.68E+06	3.00E-02	7.30E+01
11/6/98 7:04	01NCSmall	A31	Chowan River	1.09E+01	0.00E+00	1.58E-01	1.12E+07	3.00E-02	7.30E+01
11/6/98 7:05	01NCSmall	A31	Nottaway Swamp (a creek)	2.36E+01	0.00E+00	1.58E-01	7.94E+05	3.00E-02	7.30E+01
11/6/98 7:06	01NCSmall	A45	Sheldon Reservoir	7.00E+01	7.33E-03	1.58E-01	1.73E+07	3.00E-02	7.30E+01
11/6/98 7:07	01NCSmall	A45	Highlands Reservoir	7.00E+01	7.32E-03	1.58E-01	6.15E+06	3.00E-02	7.30E+01
11/6/98 7:08	01NCSmall	A45	Greens Bayou	6.38E+01	0.00E+00	1.58E-01	1.53E+06	3.00E-02	7.30E+01
11/6/98 7:09	01NCSmall	A45	Buffalo Bayou	4.47E+01	0.00E+00	1.58E-01	1.97E+06	3.00E-02	7.30E+01
11/6/98 7:10	01NCSmall	A46	Little Muskingum River	5.14E+01	2.39E-01	1.58E-01	1.40E+06	3.00E-02	7.30E+01
11/6/98 7:10	01NCSmall	A46	Ohio River	5.80E+00	0.00E+00	1.58E-01	2.76E+07	3.00E-02	7.30E+01
11/6/98 7:11	01NCSmall	A46	Middle Island Creek	3.71E+01	1.01E-01	1.58E-01	5.23E+06	3.00E-02	7.30E+01
11/6/98 7:12	01NCSmall	A47	Caney River	1.71E+02	0.00E+00	1.58E-01	5.89E+06	3.00E-02	7.30E+01
11/6/98 7:13	01NCSmall	A47	Sand Creek	1.83E+02	0.00E+00	1.58E-01	1.65E+06	3.00E-02	7.30E+01
11/6/98 7:14	01NCSmall	A47	Bar-Dew Lake	7.16E+01	2.26E-02	1.58E-01	5.36E+05	3.00E-02	7.30E+01
11/6/98 7:15	01NCSmall	A47	Lake Hudson	7.09E+01	1.62E-02	1.58E-01	3.69E+06	3.00E-02	7.30E+01
11/6/98 7:16	01NCSmall	A55	Mohawk River	8.26E+00	0.00E+00	1.58E-01	8.83E+06	3.00E-02	7.30E+01
11/6/98 7:16	01NCSmall	A55	Acipause Kill River	3.53E+01	8.13E-02	1.58E-01	5.53E+05	3.00E-02	7.30E+01
11/6/98 7:17	01NCSmall	A55	Stony Creek Reservoir	6.86E+00	1.35E-02	1.58E-01	5.60E+06	3.00E-02	7.30E+01
11/6/98 7:18	01NCSmall	A55	Waterliet Reservoir	1.04E+01	4.83E-02	1.58E-01	5.22E+06	3.00E-02	7.30E+01
11/6/98 7:19	01NCSmall	B18	Gulf Intercostal Waterway	1.02E+02	0.00E+00	1.58E-01	4.76E+06	3.00E-02	7.30E+01
11/6/98 7:20	01NCSmall	B18	Bayou La Butte	9.24E+01	0.00E+00	1.58E-01	3.19E+05	3.00E-02	7.30E+01
11/6/98 7:21	01NCSmall	B18	Mississippi River	1.67E+01	0.00E+00	1.58E-01	2.12E+08	3.00E-02	7.30E+01
11/6/98 7:22	01NCSmall	B18	Bayou Manchac	1.42E+02	0.00E+00	1.58E-01	5.67E+05	3.00E-02	7.30E+01
11/6/98 7:22	01NCSmall	B23	Hilbrandt Bayou	4.89E+01	0.00E+00	1.58E-01	1.06E+06	3.00E-02	7.30E+01
11/6/98 7:23	01NCSmall	B23	Cow Bayou	0.31E+00	0.00E+00	1.58E-01	1.24E+06	3.00E-02	7.30E+01
11/6/98 7:24	01NCSmall	B23	Neches River	1.90E+01	0.00E+00	1.58E-01	1.16E+07	3.00E-02	7.30E+01
11/6/98 7:25	01NCSmall	B23	Port Arthur Reservoir	7.00E+01	7.27E-03	1.58E-01	1.78E+06	3.00E-02	7.30E+01
11/6/98 19:31	01NCSmall	B31	Wassahickon Creek	3.25E+01	5.43E-02	1.58E-01	6.89E+05	3.00E-02	7.30E+01
11/6/98 19:32	01NCSmall	B31	Neshaminy Creek	1.72E+01	0.00E+00	1.58E-01	7.24E+05	3.00E-02	7.30E+01
11/6/98 19:33	01NCSmall	B31	Peace Valley Reservoir	6.95E+00	1.64E-02	1.58E-01	4.85E+06	3.00E-02	7.30E+01
11/6/98 19:34	01NCSmall	B31	Schuykill River	1.18E+01	0.00E+00	1.58E-01	1.25E+06	3.00E-02	7.30E+01
11/6/98 7:29	01NCSmall	B32	Cedar Bayou	5.85E+01	0.00E+00	1.58E-01	5.69E+06	3.00E-02	7.30E+01
11/6/98 7:30	01NCSmall	B32	Cary Bayou	7.69E+01	4.99E-02	1.58E-01	4.44E+04	3.00E-02	7.30E+01
11/6/98 7:31	01NCSmall	B32	Goose Creek	7.46E+01	2.72E-02	1.58E-01	7.67E+04	3.00E-02	7.30E+01
11/6/98 7:32	01NCSmall	B37	Arkansas River	2.48E+01	0.00E+00	1.58E-01	2.31E+07	3.00E-02	7.30E+01
11/6/98 7:33	01NCSmall	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	1.86E+02	0.00E+00	1.58E-01	2.39E+06	3.00E-02	7.30E+01
11/6/98 7:34	01NCSmall	B37	Yellow Lake	7.00E+01	6.92E-03	1.58E-01	5.73E+06	3.00E-02	7.30E+01
11/6/98 7:35	01NCSmall	B37	Lake Pine Bluff	6.94E+01	1.28E-03	1.58E-01	5.73E+06	3.00E-02	7.30E+01
11/6/98 7:36	01NCSmall	B44	Sheldon Reservoir	7.00E+01	7.38E-03	1.58E-01	1.68E+07	3.00E-02	7.30E+01
11/6/98 7:36	01NCSmall	B44	Greens Bayou	4.33E+01	0.00E+00	1.58E-01	1.32E+06	3.00E-02	7.30E+01
11/6/98 7:37	01NCSmall	B44	Buffalo Bayou	2.52E+01	0.00E+00	1.58E-01	8.14E+06	3.00E-02	7.30E+01
11/6/98 7:38	01NCSmall	B44	Hunting Bayou	6.03E+01	0.00E+00	1.58E-01	3.73E+05	3.00E-02	7.30E+01
11/6/98 7:39	01NCSmall	TOO	Rush Lake	2.32E+00	1.99E-02	1.58E-01	3.67E+06	3.00E-02	7.30E+01
11/6/98 7:40	01NCSmall	TOO	Box Elder Wash	4.61E+01	3.32E-01	1.58E-01	9.49E+04	3.00E-02	7.30E+01

Inputs Used for Std Emissions

calculated

calculated

redundant

calculated

redundant

redundant

Facility	Site	Waterbody	Suspended Sediment Concentration (g/m ³ =mg[<u>sediment</u>]/L[<u>water column</u>])	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	Biotic mortality rate (/day)	Settling rate for biotic solids (m/yr)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	1.00E+00	7.36E-03	1.58E-01	7.98E+05	3.00E-02	7.30E+01
11/6/98 7:42	OINCSmall TOC	Soldier Creek	1.72E+01	4.37E-02	1.58E-01	2.62E+05	3.00E-02	7.30E+01

Inputs Used for Std Emissions

Facility	Site	Waterbody	Net internal production of biotic solids (g(solid)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg(sediment)/L(water column))	Multiplier for Soil Erosion to Waterbody	L _{se} A _s *1000 (g/yr)	Vfs (m3/yr)
11/6/98 3:59	CINC 209	Lawsons Fork Creek	1.00E+03	2.76E+00	1.37E+03	2.40E+01	1.00E+00	1.33E+10	1.13E+08
11/6/98 4:00	CINC 209	Tyger River	1.00E+03	2.65E+00	2.66E+02	2.40E+01	1.00E+00	2.08E+10	5.37E+08
11/6/98 4:01	CINC 209	Fair Forest Creek	1.00E+03	2.71E+00	2.53E+03	2.40E+01	1.00E+00	1.74E+10	1.82E+07
11/6/98 4:01	CINC 209	Middle Tyger River	1.00E+03	1.50E+00	1.10E+03	2.40E+01	1.00E+00	7.10E+09	8.11E+08
11/6/98 4:02	CINC 214	Fish Ponds	1.00E+03	8.55E+00	4.80E+01	3.80E+01	1.00E+00	6.73E+05	6.73E+05
11/6/98 4:03	CINC 214	Lake Clause	1.00E+03	7.56E+00	2.63E+01	3.80E+01	1.00E+00	2.83E+08	3.25E+06
11/6/98 4:04	CINC 214	University Lake/ City Park Lake	1.00E+03	8.52E+00	2.51E+00	3.80E+01	1.00E+00	1.40E+08	5.68E+05
11/6/98 4:04	CINC 214	Comite River	1.00E+03	8.01E-01	0.00E+00	1.63E+02	1.00E+00	3.72E+09	4.97E+08
11/6/98 4:05	CINC 221	Highlands Reservoir	1.00E+03	8.54E+00	1.02E-01	7.00E+01	1.00E+00	5.23E+07	6.62E+05
11/6/98 4:06	CINC 221	Sheldon Reservoir	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00	5.36E+07	6.73E+05
11/6/98 4:07	CINC 221	San Jacinto River /Houston Lake	1.00E+03	4.69E+00	0.00E+00	7.20E+01	1.00E+00	5.67E+08	2.53E+09
11/6/98 4:07	CINC 324	Shades Creek	1.00E+03	2.18E+00	9.17E+02	2.40E+01	1.00E+00	7.70E+09	1.98E+08
11/6/98 4:08	CINC 324	Valley Creek	1.00E+03	2.70E+00	7.47E+02	2.40E+01	1.00E+00	1.21E+10	2.80E+08
11/6/98 4:09	CINC 324	Bayview Lake	1.00E+03	7.09E+00	1.24E+03	6.00E+00	1.00E+00	6.48E+09	4.04E+07
11/6/98 4:10	CINC 324	Cahaba River	1.00E+03	1.80E+00	5.31E+02	2.40E+01	1.00E+00	8.98E+09	3.49E+08
11/6/98 4:10	CINC 325	Big Hill Creek	1.00E+03	2.46E+00	0.00E+00	2.06E+02	1.00E+00	3.39E+09	5.70E+07
11/6/98 4:11	CINC 325	Potato Creek	1.00E+03	1.57E+00	0.00E+00	2.06E+02	1.00E+00	1.31E+09	8.74E+06
11/6/98 4:12	CINC 325	Claymore Creek	1.00E+03	2.17E+00	0.00E+00	2.06E+02	1.00E+00	9.54E+08	6.34E+07
11/6/98 4:13	CINC 325	Verdigris River	1.00E+03	1.11E+00	0.00E+00	2.06E+02	1.00E+00	1.11E+10	1.72E+09
11/6/98 4:14	CINC 331	Rocky River	1.00E+03	3.46E+00	0.00E+00	2.10E+01	1.00E+00	2.99E+09	2.30E+08
11/6/98 4:14	CINC 331	East Branch Black River	1.00E+03	2.42E+00	1.10E+02	2.10E+01	1.00E+00	4.45E+09	1.73E+08
11/6/98 4:15	CINC 331	Wyleswood Lake	1.00E+03	8.55E+00	2.73E+01	6.00E+00	1.00E+00	7.12E+06	1.06E+04
11/6/98 4:16	CINC 331	Baldwin Lake	1.00E+03	6.76E+00	6.73E+02	6.00E+00	1.00E+00	4.92E+08	3.93E+06
11/6/98 4:17	CINC 359	Kentucky River	1.00E+03	2.82E-01	0.00E+00	2.10E+01	1.00E+00	2.21E+10	8.69E+09
11/6/98 4:17	CINC 359	Indian Creek	1.00E+03	6.20E-01	4.00E+03	2.70E+01	1.00E+00	1.40E+10	1.62E+08
11/6/98 4:18	CINC 359	Indian Kentuck Creek	1.00E+03	2.73E+00	5.22E+03	2.70E+01	1.00E+00	1.43E+10	3.15E+07
11/6/98 4:19	CINC 359	Ohio River	1.00E+03	2.03E-01	0.00E+00	2.70E+01	1.00E+00	2.41E+10	9.55E+10
11/6/98 4:20	CINC A15	Tonawanda Creek	1.00E+03	2.96E+00	0.00E+00	2.10E+01	1.00E+00	1.37E+09	4.32E+08
11/6/98 4:20	CINC A15	Murder Creek	1.00E+03	2.28E+00	2.01E+02	2.10E+01	1.00E+00	1.04E+09	3.59E+07
11/6/98 4:21	CINC A15	Ellicott Creek	1.00E+03	3.11E+00	0.00E+00	2.10E+01	1.00E+00	2.40E+09	1.41E+08
11/6/98 4:22	CINC A18	Taylor Bayou	1.00E+03	2.00E+00	0.00E+00	7.20E+01	1.00E+00	3.40E+09	1.73E+08
11/6/98 4:23	CINC A18	Hillebrandt Bayou	1.00E+03	5.57E+00	3.58E+02	7.20E+01	1.00E+00	4.01E+09	1.26E+07
11/6/98 4:24	CINC A18	Viterbo Reservoir	1.00E+03	8.49E+00	2.13E+00	7.00E+01	1.00E+00	1.41E+08	6.47E+05
11/6/98 4:24	CINC CAL	Tennessee River	1.00E+03	1.05E-01	0.00E+00	1.50E+01	1.00E+00	1.40E+10	5.79E+10
11/6/98 4:25	CINC CAL	Kentucky Lake	1.00E+03	8.52E+00	7.01E+01	6.00E+00	1.00E+00	3.28E+10	2.94E+07
11/6/98 4:26	CINC CAL	Barkley Lake	1.00E+03	8.52E+00	3.45E+01	6.00E+00	1.00E+00	2.13E+07	2.13E+07
11/6/98 4:26	CINC CAL	Cumberland River	1.00E+03	2.27E-01	0.00E+00	2.70E+01	1.00E+00	1.63E+10	2.89E+10
11/6/98 4:27	CINC ELD	Flat Creek	1.00E+03	1.96E+00	0.00E+00	1.63E+02	1.00E+00	1.93E+09	6.62E+07
11/6/98 4:28	CINC ELD	Salt Creek	1.00E+03	6.91E+00	0.00E+00	1.63E+02	1.00E+00	4.86E+08	1.02E+07
11/6/98 4:29	CINC ELD	Calton Lake	1.00E+03	8.19E+00	2.29E+00	3.0E+01	1.00E+00	5.41E+08	1.04E+07
11/6/98 4:29	CINC ELD	Ouachita River	1.00E+03	4.97E-01	0.00E+00	1.63E+02	1.00E+00	1.68E+09	3.60E+09
11/6/98 4:30	CINC SAU	Horseshoe Lake	1.00E+03	8.54E+00	4.97E-01	3.80E+01	1.00E+00	1.94E+08	3.01E+06
11/6/98 4:31	CINC SAU	Old Cahokia Creek	1.00E+03	1.45E+00	0.00E+00	6.80E+01	1.00E+00	2.89E+08	1.29E+07
11/6/98 4:32	CINC SAU	Mississippi River	1.00E+03	6.57E-02	0.00E+00	6.80E+01	1.00E+00	1.07E+10	3.94E+11
11/6/98 4:33	CK 202	Elk City Lake	1.00E+03	8.52E+00	1.76E+00	7.00E+01	1.00E+00	2.07E+09	7.39E+06
11/6/98 4:34	CK 202	Montgomery County State Park Lake	1.00E+03	8.36E+00	2.64E+01	7.00E+01	1.00E+00	6.79E+08	1.00E+06
11/6/98 4:35	CK 202	Verdigris River	1.00E+03	1.73E+00	0.00E+00	6.00E+02	1.00E+00	8.28E+09	1.61E+09
11/6/98 4:36	CK 203	Catalpa Creek	1.00E+03	3.54E+00	2.10E+02	2.40E+01	1.00E+00	5.11E+09	1.06E+08
11/6/98 4:36	CK 203	Gilmer Creek	1.00E+03	5.46E+00	1.47E+03	2.40E+01	1.00E+00	4.84E+09	1.34E+07
11/6/98 4:37	CK 203	N. Branch Magowah Creek	1.00E+03	2.13E+00	2.16E+01	2.40E+01	1.00E+00	1.59E+09	6.34E+07
11/6/98 4:38	CK 203	Shotbag Creek	1.00E+03	2.32E+00	4.75E+02	2.40E+01	1.00E+00	3.52E+09	6.34E+07
11/6/98 4:39	CK 204	Bay Creek	1.00E+03	1.94E+00	1.92E+02	6.80E+01	1.00E+00	1.12E+10	1.20E+08
11/6/98 4:40	CK 204	Little Calumet Creek	1.00E+03	1.21E+00	0.00E+00	6.80E+01	1.00E+00	3.60E+09	6.62E+07
11/6/98 4:40	CK 204	Upper and Lower Swan Lake	1.00E+03	8.47E+00	5.13E+00	3.80E+01	1.00E+00	1.08E+08	5.96E+05
11/6/98 4:41	CK 302	Mississippi River	1.00E+03	1.29E-01	0.00E+00	6.80E+01	1.00E+00	3.44E+10	1.16E+11
11/6/98 4:42	CK 302	Maumee River	1.00E+03	6.53E-02	0.00E+00	2.10E+01	1.00E+00	1.75E+09	4.56E+10
11/6/98 4:43	CK 302	Auglaize River	1.00E+03	1.83E-02	0.00E+00	2.10E+01	1.00E+00	1.96E+09	5.68E+10
11/6/98 4:43	CK 302	Six Mile Creek	1.00E+03	8.59E-02	0.00E+00	2.10E+01	1.00E+00	7.93E+08	2.30E+09
11/6/98 4:44	CK 304	Big Walnut Creek	1.00E+03	5.23E+00	2.56E+02	2.70E+01	1.00E+00	2.41E+10	3.04E+08
11/6/98 4:45	CK 304	Glenn Flint Lake	1.00E+03	8.24E+00	4.06E+02	6.00E+00	1.00E+00	2.99E+09	6.04E+06
11/6/98 4:45	CK 304	Deer Creek	1.00E+03	8.38E+00	4.64E+02	2.70E+01	1.00E+00	2.35E+10	8.40E+07
11/6/98 4:47	CK 320	Mud Davis Lake	1.00E+03	8.36E+00	1.18E+01	6.00E+00	1.00E+00	3.31E+08	1.07E+07
11/6/98 4:47	CK 320	Thunder Bay River	1.00E+03	4.43E+00	0.00E+00	2.10E+01	1.00E+00	1.60E+09	8.93E+08
11/6/98 4:48	CK 320	Long Lake	1.00E+03	8.53E+00	1.85E+00	6.00E+00	1.00E+00	3.44E+08	7.74E+06
11/6/98 4:49	CK 321	Black Warrior River (most inclusive data)	1.00E+03	5.61E-01	0.00E+00	2.40E+01	1.00E+00	7.14E+09	5.60E+09
11/6/98 4:50	CK 321	Powell Creek	1.00E+03	8.03E-01	4.14E+02	2.40E+01	1.00E+00	1.02E+10	3.41E+08
11/6/98 4:50	CK 321	Lake Demopolis	1.00E+03	9.38E+00	2.66E+01	6.00E+00	1.00E+00	7.14E+09	1.08E+08
11/6/98 4:51	CK 321	Lake Henry	1.00E+03	7.62E+00	1.57E+03	6.00E+00	1.00E+00	1.89E+09	1.74E+08
11/6/98 4:52	CK BAT	Monocacy Creek	1.00E+03	8.41E+00	3.77E+02	2.70E+01	1.00E+00	1.20E+10	4.73E+07
11/6/98 4:53	CK BAT	Lehigh River	1.00E+03	3.05E+00	0.00E+00	2.70E+01	1.00E+00	3.48E+10	2.13E+09
11/6/98 4:54	CK CHA	Allen Lake	1.00E+03	8.44E+00	4.18E+00	7.00E+01	1.00E+00	2.72E+07	1.25E+05
11/6/98 4:54	CK CHA	Sante Fe Lake	1.00E+03	8.31E+00	1.34E+01	7.00E+01	1.00E+00	2.72E+08	8.96E+05
11/6/98 4:55	CK CHA	Neosho River	1.00E+03	5.39E-01	0.00E+00	2.06E+02	1.00E+00	7.58E+09	2.20E+09
11/6/98 4:56	CK FOR	Walnut Bayou	1.00E+03	5.09E+00	0.00E+00	2.06E+02	1.00E+00	1.89E+09	6.62E+07
11/6/98 4:57	CK FOR	West Flat Creek	1.00E+03	4.48E+00	0.00E+00	2.06E+02	1.00E+00	7.99E+08	9.46E+06
11/6/98 4:58	CK FOR	Hamilton Lake	1.00E+03	8.16E+00	0.00E+00	7.00E+01	1.00E+00	5.39E+07	1.30E+06
11/6/98 4:58	CK FRE	Salt Creek	1.00E+03	1.06E+00	0.00E+00	2.06E+02	1.00E+00	1.06E+09	2.78E+07
11/6/98 4:59	CK FRE	Verdigris River	1.00E+03	9.57E-01	0.00E+00	2.06E+02	1.00E+00	3.93E+09	1.13E+09
11/6/98 5:00	CK FRE	Fall River	1.00E+03	1.21E+00	0.00E+00	2.06E+02	1.00E+00	5.31E+09	4.61E+08
11/6/98 5:01	CK HAR	Indian Field Swamp	1.00E+03	4.93E+00	0.00E+00	2.40E+01	1.00E+00	5.51E+07	1.23E+08
11/6/98 5:02	CK HAR	Walnut Branch	1.00E+03	7.40E-01	0.00E+00	2.40E+01	1.00E+00	7.38E+06	3.99E+08
11/6/98 5:02	CK HAR	Huttos Lake	1.00E+03	8.53E+00	3.33E+01	6.00E+00	1.00E+00	6.24E+07	1.11E+05
11/6/98 5:03	CK HOL	Huttos Lake	1.00E+03	8.53E+00	3.61E+01	6.00E+00	1.00E+00	6.76E+07	1.10E+05
11/6/98 5:04	CK HOL	Lake Merkel	1.00E+03	7.78E+00	2.83E+02	6.00E+00	1.00E+00	1.55E+08	1.05E+06
11/6/98 5:05	CK TEX	Armstrong Creek	1.						

Inputs Used for Std Emissions

		redundant		calculated		calculated		calculated		redundant		calculated		redundant
Facility	Site	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg(sediment)/L(water column))	Multiplier for Soil Erosion to Waterbody	L _{se} A _s *1000 (g/yr)	Vfs (m3/yr)					
11/6/98 5:07	CK	TEX	Waxahachie Creek	1.00E+03	6.24E+00	7.99E+02	7.20E+01	1.00E+00	6.21E+09	8.79E+06				
11/6/98 5:08	CK	WAM	Connoquessing Creek	1.00E+03	1.35E+00	2.57E+01	2.70E+01	1.00E+00	1.08E+10	4.65E+08				
11/6/98 5:09	CK	WAM	Hereford Manor Lake	1.00E+03	8.38E+00	4.75E+02	6.00E+00	1.00E+00	4.59E+08	5.52E+05				
11/6/98 5:10	CK	WAM	Beaver River	1.00E+03	3.44E-01	0.00E+00	2.70E+01	1.00E+00	1.17E+10	3.25E+09				
11/6/98 5:10	CK	WAM	Slippery Rock Creek	1.00E+03	1.55E+00	0.00E+00	2.70E+01	1.00E+00	1.00E+10	1.03E+09				
11/6/98 5:12	LWAK	ARV	James River	1.00E+03	8.76E-01	0.00E+00	2.70E+01	1.00E+00	2.43E+10	3.60E+09				
11/6/98 5:13	LWAK	ARV	Sports Lake	1.00E+03	6.51E+00	4.01E+03	6.00E+00	1.00E+00	6.44E+09	1.01E+07				
11/6/98 5:14	LWAK	ARV	Holman Creek	1.00E+03	2.39E+00	5.08E+02	2.70E+01	1.00E+00	8.07E+08	1.26E+07				
11/6/98 5:14	LWAK	ARV	Rivanna River	1.00E+03	2.93E+00	1.20E+02	2.70E+01	1.00E+00	1.28E+10	3.41E+08				
11/6/98 5:15	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.00E+03	3.38E+00	5.61E+03	2.70E+01	1.00E+00	7.65E+09	1.26E+07				
11/6/98 5:16	LWAK	BRO	McNeely Lake	1.00E+03	7.89E+00	1.15E+03	6.00E+00	1.00E+00	1.87E+09	2.86E+06				
11/6/98 5:17	LWAK	BRO	Silver Lake	1.00E+03	8.52E+00	4.72E-01	6.00E+00	1.00E+00	2.11E+06	3.02E+04				
11/6/98 5:18	LWAK	BRO	Salt River (includes Floyd's Fork)	1.00E+03	2.21E+00	1.13E+02	2.70E+01	1.00E+00	3.89E+10	1.29E+09				
11/6/98 5:18	LWAK	CAS	Cascade Creek	1.00E+03	4.27E+00	6.61E+02	2.40E+01	1.00E+00	7.44E+09	6.34E+07				
11/6/98 5:19	LWAK	CAS	Smith River	1.00E+03	2.12E+00	0.00E+00	2.40E+01	1.00E+00	1.24E+10	5.66E+08				
11/6/98 5:20	LWAK	CAS	Dan River	1.00E+03	2.04E+00	0.00E+00	2.40E+01	1.00E+00	1.41E+08	1.94E+09				
11/6/98 5:21	LWAK	COH	Troy Reservoir	1.00E+03	8.35E+00	4.88E+02	6.00E+00	1.00E+00	3.11E+08	5.30E+05				
11/6/98 5:22	LWAK	COH	Hudson River	1.00E+03	9.02E-01	0.00E+00	2.70E+01	1.00E+00	7.13E+09	1.30E+10				
11/6/98 5:22	LWAK	COH	Mohawk River	1.00E+03	2.49E+00	0.00E+00	2.70E+01	1.00E+00	1.73E+09	5.18E+09				
11/6/98 5:23	LWAK	COH	Tomahannock Reservoir	1.00E+03	8.39E+00	1.26E+02	6.00E+00	1.00E+00	3.12E+09	1.71E+07				
11/6/98 5:24	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.00E+03	1.72E+00	4.31E+02	2.40E+01	1.00E+00	4.34E+10	9.74E+08				
11/6/98 5:25	LWAK	NOR	Long Lake/Creek	1.00E+03	7.85E+00	1.08E+03	6.00E+00	1.00E+00	3.93E+09	6.35E+06				
11/6/98 5:26	LWAK	NOR	Lake Tilley	1.00E+03	8.40E+00	3.12E+02	6.00E+00	1.00E+00	3.79E+10	4.13E+07				
11/6/98 5:27	ONCLarge	334	Mississippi River	1.00E+03	1.68E+00	0.00E+00	6.00E+00	1.00E+00	1.80E+10	1.47E+10				
11/6/98 5:28	ONCLarge	334	Vermilion River	1.00E+03	8.39E+00	0.00E+00	6.80E+01	1.00E+00	4.63E+09	7.32E+07				
11/6/98 5:29	ONCLarge	334	Colby Lake	1.00E+03	8.56E+00	3.25E+00	3.80E+01	1.00E+00	7.70E+07	2.88E+04				
11/6/98 5:30	ONCLarge	334	Lake Isabelle	1.00E+03	8.54E+00	5.63E-01	3.80E+01	1.00E+00	1.37E+07	8.72E+04				
11/6/98 5:30	ONCLarge	463	Blue River	1.00E+03	1.06E+01	7.86E+01	1.20E+02	1.00E+00	3.16E+09	8.64E+06				
11/6/98 5:32	ONCLarge	463	Rock Creek	1.00E+03	3.11E+00	0.00E+00	1.20E+02	1.00E+00	4.42E+08	1.45E+07				
11/6/98 5:33	ONCLarge	463	Shoal Creek	1.00E+03	1.01E+01	9.45E+02	1.20E+02	1.00E+00	5.28E+09	2.21E+06				
11/6/98 5:34	ONCLarge	463	Missouri River	1.00E+03	1.03E+01	1.27E+01	1.20E+02	1.00E+00	1.09E+10	3.35E+07				
11/6/98 5:35	ONCLarge	464	Ottawa River	1.00E+03	4.76E+00	4.73E+01	2.10E+01	1.00E+00	2.74E+09	1.53E+08				
11/6/98 5:36	ONCLarge	464	Twin Lakes Reservoir	1.00E+03	8.49E+00	4.86E+02	6.00E+00	1.00E+00	1.21E+08	5.40E+04				
11/6/98 5:37	ONCLarge	464	Metzger/Ferguson Reservoir	1.00E+03	8.55E+00	7.82E-01	6.00E+00	1.00E+00	9.32E+07	2.34E+05				
11/6/98 5:38	ONCLarge	504	Pennsauken Creek	1.00E+03	2.11E+00	0.00E+00	2.70E+01	1.00E+00	5.33E+08	3.88E+07				
11/6/98 5:39	ONCLarge	504	Darby Creek	1.00E+03	1.74E+00	9.36E+02	2.70E+01	1.00E+00	3.61E+09	8.80E+07				
11/6/98 5:40	ONCLarge	504	Cooper River Lake	1.00E+03	7.02E+00	1.58E+02	6.00E+00	1.00E+00	2.50E+08	1.12E+07				
11/6/98 5:41	ONCLarge	504	Schuykill River	1.00E+03	2.60E-01	0.00E+00	2.70E+01	1.00E+00	3.72E+09	2.80E+09				
11/6/98 5:42	ONCLarge	600	Lake Jackson	1.00E+03	8.56E+00	6.01E+00	7.00E+01	1.00E+00	5.70E+08	1.42E+05				
11/6/98 5:43	ONCLarge	600	Oyster Creek	1.00E+03	2.90E+00	0.00E+00	7.20E+01	1.00E+00	3.25E+08	2.98E+08				
11/6/98 5:44	ONCLarge	600	Brazos River	1.00E+03	6.36E-01	0.00E+00	7.20E+01	1.00E+00	7.03E+09	7.20E+09				
11/6/98 5:45	ONCLarge	711	Brechtel Lake	1.00E+03	8.47E+00	0.00E+00	3.80E+01	1.00E+00	6.37E+06	1.70E+05				
11/6/98 5:46	ONCLarge	711	Mississippi River	1.00E+03	1.53E-01	0.00E+00	1.53E+02	1.00E+00	4.19E+09	4.18E+11				
11/6/98 5:47	ONCLarge	806	Wolf Lake	1.00E+03	8.53E+00	5.77E+01	6.00E+00	1.00E+00	7.09E+08	1.54E+06				
11/6/98 5:48	ONCLarge	806	Lake George	1.00E+03	8.53E+00	2.18E+02	6.00E+00	1.00E+00	4.87E+08	2.06E+05				
11/6/98 5:50	ONCLarge	806	Little Calumet River	1.00E+03	5.13E+00	0.00E+00	6.80E+01	1.00E+00	1.35E+09	6.62E+07				
11/6/98 5:51	ONCLarge	806	Grand Calumet River	1.00E+03	3.91E+00	1.32E+03	2.10E+01	1.00E+00	2.11E+09	3.15E+07				
11/6/98 5:52	ONCLarge	915	Genesee River	1.00E+03	4.16E-01	0.00E+00	2.10E+01	1.00E+00	7.78E+08	2.52E+09				
11/6/98 5:53	ONCLarge	915	Iroquois Bay	1.00E+03	1.11E+03	8.08E+00	1.11E+03	1.00E+00	4.80E+07	4.80E+07				
11/6/98 5:54	ONCLarge	915	Highland Reservoir	1.00E+03	8.55E+00	1.50E+01	6.00E+00	1.00E+00	6.94E+05	4.38E+03				
11/6/98 5:55	ONCLarge	A32	Armand Bayou	1.00E+03	7.13E-01	0.00E+00	7.20E+01	1.00E+00	1.30E+09	1.08E+08				
11/6/98 5:56	ONCLarge	A43	Twelvemile Creek	1.00E+03	1.56E+00	0.00E+00	2.10E+01	1.00E+00	1.08E+08	4.10E+07				
11/6/98 5:57	ONCLarge	A43	Bergholtz Creek	1.00E+03	3.97E+00	6.42E+01	2.10E+01	1.00E+00	1.68E+08	1.34E+07				
11/6/98 5:57	ONCLarge	A43	Cayuga Creek	1.00E+03	7.49E-01	0.00E+00	2.10E+01	1.00E+00	1.29E+08	1.72E+08				
11/6/98 5:58	ONCLarge	A43	Niagara River	1.00E+03	2.20E+00	0.00E+00	2.10E+01	1.00E+00	1.13E+09	8.06E+08				
11/6/98 5:59	ONCLarge	A50	Carpenters Bayou	1.00E+03	1.69E+00	0.00E+00	7.20E+01	1.00E+00	5.51E+08	7.45E+07				
11/6/98 6:00	ONCLarge	A50	Highlands Reservoir	1.00E+03	8.53E+00	2.59E-01	7.00E+01	1.00E+00	8.55E+07	7.92E+05				
11/6/98 6:01	ONCLarge	A50	Buffalo Bayou	1.00E+03	5.14E-01	0.00E+00	7.20E+01	1.00E+00	1.44E+09	3.43E+09				
11/6/98 6:01	ONCLarge	A50	San Jacinto River	1.00E+03	3.17E-01	0.00E+00	7.20E+01	1.00E+00	8.00E+08	2.33E+09				
11/6/98 6:02	ONCLarge	A62	Caney Creek	1.00E+03	2.43E+00	0.00E+00	7.20E+01	1.00E+00	1.28E+09	1.33E+08				
11/6/98 6:03	ONCLarge	A62	E & W Fork Crystal Cr.	1.00E+03	2.50E+00	0.00E+00	7.20E+01	1.00E+00	3.70E+09	1.10E+08				
11/6/98 6:04	ONCLarge	A62	Stewarts Creek	1.00E+03	2.08E+00	0.00E+00	7.20E+01	1.00E+00	8.79E+08	4.31E+07				
11/6/98 6:05	ONCLarge	A62	Lewis Creek Reservoir	1.00E+03	8.51E+00	4.18E-01	7.00E+01	1.00E+00	1.18E+08	1.25E+06				
11/6/98 6:05	ONCLarge	B20	Cuyahoga River	1.00E+03	1.17E+00	0.00E+00	2.10E+01	1.00E+00	3.15E+09	6.56E+08				
11/6/98 6:06	ONCLarge	B20	Upper and Lower Shaker Lake	1.00E+03	7.48E+00	2.73E+02	6.00E+00	1.00E+00	9.48E+07	1.62E+06				
11/6/98 6:07	ONCLarge	B20	Euclid Creek	1.00E+03	2.78E+00	1.51E+02	2.10E+01	1.00E+00	5.85E+08	3.15E+07				
11/6/98 6:08	ONCLarge	B20	Fairmont Reservoir	1.00E+03	8.45E+00	5.60E+01	3.80E+00	1.00E+00	6.45E+06	4.12E+04				
11/6/98 6:09	ONCLarge	HAN	Fabus River	1.00E+03	3.12E+00	0.00E+00	6.80E+01	1.00E+00	1.00E+10	3.41E+08				
11/6/98 6:10	ONCLarge	HAN	Spring Lake	1.00E+03	8.50E+00	1.46E+01	6.00E+00	1.00E+00	1.58E+07	2.29E+04				
11/6/98 6:10	ONCLarge	HAN	Mississippi River	1.00E+03	1.97E-01	0.00E+00	6.80E+01	1.00E+00	2.23E+10	7.03E+10				
11/6/98 6:11	ONCLarge	KIN	North Fork Holston River	1.00E+03	2.51E+00	9.80E+02	1.50E+01	1.00E+00	1.35E+10	3.41E+08				
11/6/98 6:12	ONCLarge	KIN	Kingsport Reservoir	1.00E+03	8.46E+00	7.20E+01	6.00E+00	1.00E+00	8.94E+07	3.08E+05				
11/6/98 6:13	ONCLarge	KIN	South Fork Holston River	1.00E+03	1.01E+00	1.03E+02	1.50E+01	1.00E+00	1.77E+10	1.61E+09				
11/6/98 6:14	ONCLarge	KIN	Reedy Creek	1.00E+03	4.33E+00	4.45E+03	1.50E+01	1.00E+00	9.01E+09	3.15E+07				
11/6/98 6:15	ONCLarge	MCI	Hals Lake	1.00E+03	6.82E+00	7.04E+01	6.00E+00	1.00E+00	2.37E+09	3.35E+07				
11/6/98 6:15	ONCLarge	MCI	Helicat Lake	1.00E+03	7.92E+00	1.33E+00	6.00E+00	1.00E+00	3.00E+07	2.13E+06				
11/6/98 6:16	ONCLarge	MCI	Alabama River	1.00E+03	3.97E-01	0.00E+00	2.40E+01	1.00E+00	7.73E+08	2.08E+10				
11/6/98 6:17	ONCLarge	MCI	Tombigbee River	1.00E+03	4.66E-01	0.00E+00	2.40E+01	1.00E+00	5.58E+09	1.64E+10				
11/6/98 6:1														

Inputs Used for Std Emissions

Facility	Site	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg(sediment)/L(water column))	Multiplier for Soil Erosion to Waterbody	L _s se'A _s *1000 (g/yr)	Vfx (m3/yr)
11/6/98 6:26	OINCSmall	340 Proctor Creek	1.00E+03	1.98E+00	5.43E+02	2.70E+01	1.00E+00	3.57E+09	6.34E+07
11/6/98 6:27	OINCSmall	340 Fish Creek	1.00E+03	2.57E+00	2.87E+02	2.70E+01	1.00E+00	9.64E+09	2.01E+08
11/6/98 6:28	OINCSmall	340 Ohio River	1.00E+03	6.63E-01	0.00E+00	4.57E+10	1.00E+00	4.51E+10	3.49E+10
11/6/98 6:29	OINCSmall	342 Kalamazoo River	1.00E+03	2.04E+00	0.00E+00	2.10E+01	1.00E+00	2.98E+09	1.01E+09
11/6/98 6:30	OINCSmall	342 East Lake	1.00E+03	8.40E+00	3.00E+03	8.00E+00	1.00E+00	1.21E+08	1.10E+06
11/6/98 6:30	OINCSmall	342 Portage Creek	1.00E+03	4.27E+00	3.80E+02	2.10E+01	1.00E+00	1.84E+09	4.83E+07
11/6/98 6:31	OINCSmall	342 Portage River	1.00E+03	4.08E+00	4.54E+02	2.10E+01	1.00E+00	2.58E+09	6.38E+07
11/6/98 6:32	OINCSmall	453 Lake Spivey	1.00E+03	8.30E+00	8.23E+02	6.00E+00	1.00E+00	4.80E+09	7.02E+06
11/6/98 6:33	OINCSmall	453 Jester Creek	1.00E+03	1.58E+00	8.34E+03	2.40E+01	1.00E+00	5.72E+09	3.15E+07
11/6/98 6:34	OINCSmall	453 Flint River	1.00E+03	2.70E+00	2.38E+03	2.40E+01	1.00E+00	1.25E+10	1.20E+08
11/6/98 6:35	OINCSmall	468 Wassahickon Creek	1.00E+03	3.32E+00	2.67E+02	2.70E+01	1.00E+00	2.40E+09	8.58E+07
11/6/98 6:36	OINCSmall	468 Tacony Creek	1.00E+03	3.61E+00	3.93E+02	2.70E+01	1.00E+00	8.74E+08	2.37E+07
11/6/98 6:36	OINCSmall	468 Schuykill	1.00E+03	4.99E-01	0.00E+00	2.70E+01	1.00E+00	7.14E+09	2.80E+09
11/6/98 6:37	OINCSmall	468 Pickering Creek Reservoir	1.00E+03	7.92E+00	9.78E+02	6.00E+00	1.00E+00	1.51E+09	5.05E+06
11/6/98 6:38	OINCSmall	701 Wabash River	1.00E+03	3.97E-01	0.00E+00	2.70E+01	1.00E+00	1.30E+10	9.21E+09
11/6/98 6:39	OINCSmall	701 Sugar Creek	1.00E+03	3.49E-01	0.00E+00	2.70E+01	1.00E+00	3.08E+09	6.26E+08
11/6/98 6:40	OINCSmall	701 Big Raccoon Creek	1.00E+03	1.45E+00	1.30E+02	2.70E+01	1.00E+00	1.52E+10	4.70E+08
11/6/98 6:41	OINCSmall	704 Garvey Reservoir	1.00E+03	8.56E+00	4.22E-01	9.00E+00	1.00E+00	2.92E+05	1.52E+03
11/6/98 6:41	OINCSmall	704 Logg Lake	1.00E+03	8.56E+00	5.14E-01	9.00E+00	1.00E+00	4.82E+05	1.76E+03
11/6/98 6:42	OINCSmall	704 Silver Lake Res.	1.00E+03	8.56E+00	9.35E+02	9.00E+00	1.00E+00	7.47E+08	1.61E+04
11/6/98 6:43	OINCSmall	708 Grindle Creek	1.00E+03	4.82E+00	9.67E+01	2.40E+01	1.00E+00	2.50E+09	6.62E+07
11/6/98 6:44	OINCSmall	708 Parker Creek	1.00E+03	3.67E+00	4.35E+02	2.40E+01	1.00E+00	8.97E+08	1.26E+07
11/6/98 6:45	OINCSmall	708 Tranters Creek	1.00E+03	2.48E+00	0.00E+00	2.40E+01	1.00E+00	2.71E+09	3.41E+08
11/6/98 6:46	OINCSmall	725 Passaic River	1.00E+03	1.11E+01	0.00E+00	2.70E+01	1.00E+00	1.02E+09	1.25E+09
11/6/98 6:47	OINCSmall	725 Silver Lake Reservoir	1.00E+03	8.55E+00	1.00E+00	6.00E+00	1.00E+00	3.38E+06	4.00E+04
11/6/98 6:47	OINCSmall	725 Reservoir No. 2	1.00E+03	8.56E+00	3.16E+00	6.00E+00	1.00E+00	2.27E+06	8.94E+03
11/6/98 6:48	OINCSmall	725 Rahway River	1.00E+03	1.28E+01	0.00E+00	2.70E+01	1.00E+00	2.94E+07	1.54E+08
11/6/98 6:49	OINCSmall	824 Newton Lake	1.00E+03	8.08E+00	4.43E+01	6.00E+00	1.00E+00	7.95E+07	2.73E+06
11/6/98 6:50	OINCSmall	824 Big Timber Creek	1.00E+03	6.04E-01	4.77E+02	2.70E+01	1.00E+00	1.92E+09	8.10E+07
11/6/98 6:51	OINCSmall	824 Darby Creek	1.00E+03	1.46E+00	6.67E+02	2.70E+01	1.00E+00	3.39E+09	8.80E+07
11/6/98 6:52	OINCSmall	824 Schuykill River	1.00E+03	1.95E-01	0.00E+00	2.70E+01	1.00E+00	2.68E+09	2.80E+09
11/6/98 6:52	OINCSmall	904 Pascagoula River	1.00E+03	6.46E-02	0.00E+00	2.40E+01	1.00E+00	6.05E+08	1.41E+10
11/6/98 6:53	OINCSmall	904 Escatampa River	1.00E+03	8.15E-01	0.00E+00	2.40E+01	1.00E+00	3.55E+09	2.33E+09
11/6/98 6:54	OINCSmall	906 Mississippi River	1.00E+03	2.80E-01	0.00E+00	6.80E+01	1.00E+00	1.18E+10	4.88E+10
11/6/98 6:55	OINCSmall	906 Cooperas Creek	1.00E+03	1.89E+00	1.11E+01	6.80E+01	1.00E+00	9.96E+09	9.96E+07
11/6/98 6:56	OINCSmall	906 Eliza Creek	1.00E+03	2.18E+00	4.63E+00	6.80E+01	1.00E+00	6.94E+09	1.05E+08
11/6/98 6:57	OINCSmall	906 Muscatine Slough	1.00E+03	1.31E+01	2.79E+02	6.80E+01	1.00E+00	5.39E+09	6.32E+00
11/6/98 6:58	OINCSmall	A14 New River	1.00E+03	3.71E+00	0.00E+00	1.63E+02	1.00E+00	3.28E+09	1.07E+08
11/6/98 6:58	OINCSmall	A14 Bayou Conway	1.00E+03	3.49E+00	0.00E+00	1.63E+02	1.00E+00	2.49E+09	6.32E+07
11/6/98 6:59	OINCSmall	A14 Mississippi River	1.00E+03	1.43E-01	0.00E+00	1.63E+02	1.00E+00	2.00E+09	4.16E+11
11/6/98 7:00	OINCSmall	A14 Bayou Lafourche	1.00E+03	1.13E+00	0.00E+00	1.63E+02	1.00E+00	1.47E+08	2.29E+08
11/6/98 7:01	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	1.00E+03	3.45E+00	4.72E+02	2.06E+02	1.00E+00	8.21E+09	1.26E+07
11/6/98 7:02	OINCSmall	A26 Cane Creek	1.00E+03	2.13E+00	0.00E+00	2.06E+02	1.00E+00	2.06E+09	6.03E+07
11/6/98 7:03	OINCSmall	A26 Dota Creek	1.00E+03	2.13E+00	0.00E+00	2.06E+02	1.00E+00	2.35E+10	3.41E+08
11/6/98 7:04	OINCSmall	A31 Nottaway River	1.00E+03	1.58E+00	0.00E+00	2.40E+01	1.00E+00	8.10E+09	1.29E+09
11/6/98 7:04	OINCSmall	A31 Chowan River	1.00E+03	8.80E-01	0.00E+00	2.40E+01	1.00E+00	6.58E+09	3.60E+09
11/6/98 7:05	OINCSmall	A31 Nottaway Swamp (a creek)	1.00E+03	2.87E+00	0.00E+00	2.40E+01	1.00E+00	1.49E+09	6.62E+07
11/6/98 7:06	OINCSmall	A45 Sheldon Reservoir	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00	4.95E+07	6.73E+05
11/6/98 7:07	OINCSmall	A45 Highlands Reservoir	1.00E+03	8.54E+00	1.02E-01	7.00E+01	1.00E+00	4.37E+07	6.62E+06
11/6/98 7:08	OINCSmall	A45 Greens Bayou	1.00E+03	5.66E+00	0.00E+00	7.20E+01	1.00E+00	1.85E+08	4.73E+07
11/6/98 7:09	OINCSmall	A45 Buffalo Bayou	1.00E+03	1.83E+00	0.00E+00	7.20E+01	1.00E+00	5.95E+08	2.84E+08
11/6/98 7:10	OINCSmall	A46 Little Muskingum River	1.00E+03	1.63E+00	1.02E+03	2.70E+01	1.00E+00	1.95E+10	2.30E+08
11/6/98 7:10	OINCSmall	A46 Ohio River	1.00E+03	3.25E-01	0.00E+00	2.70E+01	1.00E+00	1.44E+10	2.52E+10
11/6/98 7:11	OINCSmall	A46 Middle Island Creek	1.00E+03	3.42E+00	4.10E+02	2.70E+01	1.00E+00	2.45E+10	3.41E+08
11/6/98 7:12	OINCSmall	A47 Caney River	1.00E+03	3.71E+00	0.00E+00	2.06E+02	1.00E+00	1.17E+10	3.41E+08
11/6/98 7:13	OINCSmall	A47 Sand Creek	1.00E+03	4.82E+00	0.00E+00	2.06E+02	1.00E+00	3.70E+09	6.62E+07
11/6/98 7:14	OINCSmall	A47 Bar-Dew Lake	1.00E+03	8.42E+00	1.96E+01	7.00E+01	1.00E+00	2.13E+08	3.15E+05
11/6/98 7:15	OINCSmall	A47 Lake Hudson	1.00E+03	8.44E+00	1.14E+01	7.00E+01	1.00E+00	9.04E+08	1.98E+06
11/6/98 7:16	OINCSmall	A55 Mohawk River	1.00E+03	4.75E-01	0.00E+00	2.70E+01	1.00E+00	8.28E+09	5.49E+09
11/6/98 7:16	OINCSmall	A55 Acipause Kill River	1.00E+03	1.67E+00	4.95E+02	2.70E+01	1.00E+00	4.17E+09	8.89E+07
11/6/98 7:17	OINCSmall	A55 Stony Creek Reservoir	1.00E+03	8.28E+00	8.71E+01	6.00E+00	1.00E+00	8.72E+08	6.94E+06
11/6/98 7:18	OINCSmall	A55 Watervliet Reservoir	1.00E+03	6.45E+00	6.39E+02	6.00E+00	1.00E+00	5.81E+09	6.14E+07
11/6/98 7:19	OINCSmall	B18 Gulf Intercostal Waterway	1.00E+03	1.91E+00	0.00E+00	1.63E+02	1.00E+00	1.07E+09	6.50E+08
11/6/98 7:20	OINCSmall	B18 Bayou La Butte	1.00E+03	1.38E+00	0.00E+00	1.63E+02	1.00E+00	8.10E+08	6.34E+07
11/6/98 7:21	OINCSmall	B18 Mississippi River	1.00E+03	1.52E-01	0.00E+00	1.63E+02	1.00E+00	4.41E+09	4.17E+11
11/6/98 7:22	OINCSmall	B18 Bayou Manchac	1.00E+03	3.48E+00	0.00E+00	1.63E+02	1.00E+00	2.51E+09	3.69E+07
11/6/98 7:22	OINCSmall	B23 Hillbrandt Bayou	1.00E+03	2.09E+00	0.00E+00	7.20E+01	1.00E+00	9.04E+08	1.31E+08
11/6/98 7:23	OINCSmall	B23 Cow Bayou	1.00E+03	1.57E+00	0.00E+00	7.20E+01	1.00E+00	1.14E+09	2.12E+08
11/6/98 7:24	OINCSmall	B23 Neches River	1.00E+03	4.70E-01	0.00E+00	7.20E+01	1.00E+00	5.73E+08	7.27E+09
11/6/98 7:25	OINCSmall	B23 Port Arthur Reservoir	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00	5.16E+06	1.04E+05
11/6/98 19:31	OINCSmall	B31 Wassahickon Creek	1.00E+03	2.28E+00	4.57E+02	2.70E+01	1.00E+00	3.37E+09	7.78E+07
11/6/98 19:32	OINCSmall	B31 Neshaminy Creek	1.00E+03	6.31E-01	0.00E+00	2.70E+01	1.00E+00	4.20E+09	3.36E+08
11/6/98 19:33	OINCSmall	B31 Peace Valley Reservoir	1.00E+03	8.35E+00	1.84E+02	6.00E+00	1.00E+00	1.07E+09	4.44E+06
11/6/98 19:34	OINCSmall	B31 Schuykill River	1.00E+03	6.00E-01	0.00E+00	2.70E+01	1.00E+00	1.29E+10	2.63E+09
11/6/98 7:29	OINCSmall	B32 Cedar Bayou	1.00E+03	3.71E+00	0.00E+00	7.20E+01	1.00E+00	2.07E+09	3.31E+08
11/6/98 7:30	OINCSmall	B32 Cary Bayou	1.00E+03	3.61E+00	1.89E+02	7.20E+01	1.00E+00	2.61E+08	2.77E+06
11/6/98 7:31	OINCSmall	B32 Goose Creek	1.00E+03	2.50E+00	2.04E+02	7.20E+01	1.00E+00	6.18E+08	7.66E+06
11/6/98 7:32	OINCSmall	B37 Arkansas River	1.00E+03	1.84E-01	0.00E+00	2.06E+02	1.00E+00	1.48E+09	3.80E+10
11/6/98 7:33	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	1.00E+03	6.13E+00	0.00E+00	2.06E+02	1.00E+00	7.96E+08	6.34E+07
11/6/98 7:34	OINCSmall	B37 Yellow Lake	1.00E+03	8.51E+00	0.00E+00	7.00E+01	1.00E+00	4.12E+07	1.27E+06
11/6/98 7:35	OINCSmall	B37 Lake Pine Bluff	1.00E+03	7.92E+00	0.00E+00	7.00E+01	1.00E+00	4.48E+08	1.78E+07
11/6/98 7:36	OINCSmall	B44 Sheldon Reservoir	1.00E+03	8.55E+00	1.51E-02	7.00E+01	1.00E+00	7.20E+07	7.24E+05
11/6/98 7:36	OINCSmall	B44 Greens Bayou	1.00E+03	1.73E+00	0.00E+00	7.20E+01	1.00E+00	2.77E+08	2.04E+08
11/6/98 7:37	OINCSmall	B44 Buffalo Bayou							

Inputs Used for Std Emissions

Facility	Site	Waterbody	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg[sediment]/L[water column])	Multiplier for Soil Erosion to Waterbody	L _{se} *A _s *1000 (g/yr)	Vfx (m3/yr)
11/6/98 7:41	OINCSmall TOC	Blue Lakes	1.00E+03	8.56E+00	1.40E+00	1.00E+00	1.00E+00	5.22E+05	1.41E+04
11/6/98 7:42	OINCSmall TOC	Soldier Creek	1.00E+03	4.18E+00	3.88E+02	1.30E+01	1.00E+00	4.72E+08	1.32E+07

redundant

calculated

calculated

calculated

redundant

calculated

redundant

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids/m2-yr)	Biotic mortality rate (/day)	Hg0 Suspended Biotic solids Kd(L/Kg)	
11/6/98 0.17	CINC	209	Lawsans Fork Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.18	CINC	209	Tyger River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.19	CINC	209	Fair Forest Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.20	CINC	209	Middle Tyger River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.20	CINC	214	Fish Ponds	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.21	CINC	214	Lake Clause	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.23	CINC	214	Comite River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.24	CINC	221	Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.25	CINC	221	Sheldon Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.26	CINC	324	Shades Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.27	CINC	324	Valley Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.28	CINC	324	Bayview Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.28	CINC	324	Cahaba River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.29	CINC	325	Big Hill Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.30	CINC	325	Potato Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.31	CINC	325	Claymore Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.31	CINC	325	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.32	CINC	331	Rocky River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.33	CINC	331	East Branch Black River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.34	CINC	331	Wyleswood Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.35	CINC	331	Baldwin Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.35	CINC	359	Kentucky River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.36	CINC	359	Indian Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.37	CINC	359	Indian Kentucky Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.38	CINC	359	Ohio River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.39	CINC	A15	Tonawanda Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.39	CINC	A15	Murder Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.40	CINC	A15	Ellicott Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.41	CINC	A18	Taylor Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.43	CINC	A18	Viterbo Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.43	CINC	CAL	Tennessee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.44	CINC	CAL	Kentucky Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.45	CINC	CAL	Barkley Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.46	CINC	CAL	Cumberland River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.46	CINC	ELD	Flat Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.47	CINC	ELD	Salt Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.48	CINC	ELD	Calion Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.49	CINC	ELD	Ouachita River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.49	CINC	SAU	Horsehoe Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.50	CINC	SAU	Old Catokas Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.51	CINC	SAU	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.53	CK	202	Elk City Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.54	CK	202	Montgomery County State Park Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.55	CK	202	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.56	CK	203	Catalpa Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.57	CK	203	Almar Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.58	CK	203	N. Branch Magowah Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 0.59	CK	203	Shoatbag Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.00	CK	204	Bay Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.01	CK	204	Little Calumet Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.03	CK	204	Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.04	CK	302	Saumee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.05	CK	302	Auglaize River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.06	CK	302	Six Mile Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.07	CK	304	Big Walnut Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.08	CK	304	Glenn Flint Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.08	CK	304	Deer Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.09	CK	320	Mud Devils Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.10	CK	320	Thunder Bay River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.11	CK	320	Long Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.12	CK	321	Powell Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.13	CK	321	Lake Demopolis	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.14	CK	321	Lake Henry	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.15	CK	BAT	Monocacy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.15	CK	BAT	Lehigh River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.16	CK	CHA	Allen Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.17	CK	CHA	Sante Fe Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.18	CK	CHA	Nosho River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.18	CK	FOR	Walnut Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.19	CK	FOR	West Flat Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.20	CK	FOR	Hamilton Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.21	CK	FRE	Salt Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.21	CK	FRE	Verdigris River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.22	CK	FRE	Fall River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.23	CK	HAR	Indian Field Swamp	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.24	CK	HAR	Walnut Branch	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.24	CK	HAR	Huttos Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.25	CK	HOL	Huttos Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.26	CK	HOL	Lake Merkel	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.27	CK	TEX	Armstrong Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.28	CK	TEX	Massey Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1.28	CK	TEX	Mountain Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m2/yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids/m2-yr)	Biotic mortality rate (/day)	Hg0 Suspended Biotic solids Kd(L/kg)
11/6/98 1:29	CK	TEX Waxahachie Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:30	CK	WAM Connoquenessing Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:31	CK	WAM Hereford Manor Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:31	CK	WAM Beaver River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:32	CK	WAM Slippery Rock Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:34	LWAK	ARV James River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:34	LWAK	ARV Sports Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:35	LWAK	ARV Holman Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:36	LWAK	ARV Rivanna River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:38	LWAK	BRO McNeely Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:38	LWAK	BRO Silver Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:40	LWAK	CAS Cascade Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:41	LWAK	CAS Smith River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:41	LWAK	CAS Dan River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:42	LWAK	COH Troy Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:43	LWAK	COH Hudson River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:44	LWAK	COH Mohawk River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:46	LWAK	NOR Long Lake/Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:47	LWAK	NOR Lake Tilley	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:48	ONCLarge	334 Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:49	ONCLarge	334 Vermillion River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:50	ONCLarge	334 Colby Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:51	ONCLarge	334 Lake Isabelle	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:52	ONCLarge	463 Blue River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:52	ONCLarge	463 Rock Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:53	ONCLarge	463 Shoal Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:54	ONCLarge	463 Missouri River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:55	ONCLarge	464 Ottawa River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:55	ONCLarge	464 Twin Lakes Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:56	ONCLarge	464 Metzger/Ferguson Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:57	ONCLarge	504 Pennsauken Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:58	ONCLarge	504 Darby Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:59	ONCLarge	504 Cooper River Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 1:59	ONCLarge	504 Schuykill River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:00	ONCLarge	600 Lake Jackson	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:01	ONCLarge	600 Oyster Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:02	ONCLarge	600 Brazos River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:02	ONCLarge	711 Brechtel Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:03	ONCLarge	711 Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:04	ONCLarge	806 Wolf Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:05	ONCLarge	806 Lake George	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:06	ONCLarge	806 Little Calumet River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:06	ONCLarge	806 Grand Calumet River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:07	ONCLarge	915 Genesee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:08	ONCLarge	915 Indianquit Bay	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:09	ONCLarge	915 Highland Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:09	ONCLarge	A32 Armand Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:10	ONCLarge	A43 Twelvemile Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:11	ONCLarge	A43 Bergholtz Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:12	ONCLarge	A43 Cayuga Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:13	ONCLarge	A43 Niagara River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:13	ONCLarge	A50 Carpenters Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:14	ONCLarge	A50 Highlands Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:15	ONCLarge	A50 Buffalo Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:16	ONCLarge	A50 San Jacinto River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:16	ONCLarge	A62 Caney Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:17	ONCLarge	A62 E & W Fork Crystal Cr.	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:18	ONCLarge	A62 Stewarts Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:19	ONCLarge	A62 Lewis Creek Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:20	ONCLarge	B20 Cuyahoga River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:20	ONCLarge	B20 Upper and Lower Shaker Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:21	ONCLarge	B20 Euclid Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:22	ONCLarge	B20 Fairmont Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:23	ONCLarge	HAN Fabius River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:24	ONCLarge	HAN Spring Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:24	ONCLarge	HAN Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:25	ONCLarge	KIN North Fork Holston River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:26	ONCLarge	KIN Kingsport Reservoir	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:27	ONCLarge	KIN South Fork Holston River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:27	ONCLarge	KIN Reedy Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:28	ONCLarge	MCI Hals Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:29	ONCLarge	MCI Helicat Lake	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:30	ONCLarge	MCI Alabama River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:31	ONCLarge	MCI Tombigbee River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:31	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:32	ONCLarge	MID Sturgeon Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:33	ONCLarge	MID Kawkawin River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:34	ONCLarge	MID Chippewa River (most inclusive data)	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:35	ONCLarge	STG Bayou Plaquemine	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:36	ONCLarge	STG Manchac Bayou	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:36	ONCLarge	STG Bayou Fountain	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:37	ONCLarge	STG Mississippi River	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 2:39	ONCLarge	ONCSmall 340 Sunfish Creek	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Pore water diffusion coefficient (m ² /yr)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g(solids)/m ² -yr)	Biotic mortality rate (/day)	Hg ⁰ Suspended Biotic solids Kd(L/kg)
11/6/98 3:57	OINCSmall	TOO	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03
11/6/98 3:58	OINCSmall	TOO	1.00E-03	7.30E+02	1.58E-01	7.30E+01	1.00E+03	3.00E-02	1.00E+03

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(L/kg)	MHg Suspended Biotic solids Kd(L/kg)	Notill Soil base reduction (t/day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (yr)	
11/6/98 0.17	CINC	209	Lawsons Fork Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.18	CINC	209	Tyger River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.19	CINC	209	Fair Forest Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.20	CINC	209	Middle Tyger River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.20	CINC	214	Fish Ponds	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.21	CINC	214	Lake Clause	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.23	CINC	214	Comite River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.24	CINC	221	Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.25	CINC	221	Sheldon Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.26	CINC	324	Shades Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.27	CINC	324	Valley Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.28	CINC	324	Bayview Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.28	CINC	324	Cahaba River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.29	CINC	325	Big Hill Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.30	CINC	325	Potato Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.31	CINC	325	Claymore Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.31	CINC	325	Verdigris River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.32	CINC	331	Rocky River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.33	CINC	331	East Branch Black River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.34	CINC	331	Wyleswood Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.35	CINC	331	Baldwin Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.35	CINC	359	Kentucky River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.36	CINC	359	Indian Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.37	CINC	359	Indian Kentucky Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.38	CINC	359	Ohio River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.39	CINC	A15	Tonawanda Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.39	CINC	A15	Murder Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.40	CINC	A15	Ellicott Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.41	CINC	A18	Taylor Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.43	CINC	A18	Viterbo Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.43	CINC	CAL	Tennessee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.44	CINC	CAL	Kentucky Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.45	CINC	CAL	Barkley Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.46	CINC	CAL	Cumberland River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.46	CINC	ELD	Flat Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.47	CINC	ELD	Salt Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.48	CINC	ELD	Calion Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.49	CINC	ELD	Ouachita River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.49	CINC	SAU	Horsehoe Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.50	CINC	SAU	Old Cahokia Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.51	CINC	SAU	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.53	CK	202	Elk City Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.54	CK	202	Montgomery County State Park Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.55	CK	202	Verdigris River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.56	CK	203	Catalpa Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.57	CK	203	Gilmer Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.58	CK	203	N. Branch Magdowah Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 0.59	CK	203	Shotbag Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.00	CK	204	Bay Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.01	CK	204	Little Calumet Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.03	CK	204	Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.04	CK	302	Saunsee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.05	CK	302	Auglaize River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.06	CK	302	Six Mile Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.07	CK	304	Big Walnut Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.08	CK	304	Glenn Flint Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.08	CK	304	Deer Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.09	CK	320	Mud Devils Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.10	CK	320	Thunder Bay River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.11	CK	320	Long Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.12	CK	321	Powell Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.13	CK	321	Lake Demopolis	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.14	CK	321	Lake Henry	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.15	CK	BAT	Monocacy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.15	CK	BAT	Lehigh River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.16	CK	CHA	Allen Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.17	CK	CHA	Sante Fe Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.18	CK	CHA	Nosho River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.18	CK	FOR	Walnut Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.19	CK	FOR	West Flat Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.20	CK	FOR	Hamilton Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.21	CK	FRE	Salt Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.21	CK	FRE	Verdigris River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.22	CK	FRE	Fall River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.23	CK	HAR	Indian Field Swamp	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.24	CK	HAR	Walnut Branch	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.24	CK	HAR	Huttos Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.25	CK	HOL	Huttos Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.26	CK	HOL	Lake Merkel	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.27	CK	TEX	Armstrong Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.28	CK	TEX	Massey Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1.28	CK	TEX	Mountain Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg2 Suspended Biotic solids Kd(Kg)	MHg Suspended Biotic solids Kd(L/Kg)	Notill Soil base reduction (t/day)	Notill Depth for soil base reduction (m)	Water content for soil base reduction	Depth for base volatilization (m)	Hg0 Vol. For this depth (Jyr)
11/6/98 1:29	CK	TEX Waxahachie Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:30	CK	WAM Connoquenessing Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:31	CK	WAM Hereford Manor Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:31	CK	WAM Beaver River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:32	CK	WAM Slippery Rock Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:34	LWAK	ARV James River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:34	LWAK	ARV Sports Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:35	LWAK	ARV Holman Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:36	LWAK	ARV Rivanna River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:38	LWAK	BRO McNeely Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:38	LWAK	BRO Silver Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:40	LWAK	CAS Cascade Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:41	LWAK	CAS Smith River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:41	LWAK	CAS Dan River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:42	LWAK	COH Troy Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:43	LWAK	COH Hudson River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:44	LWAK	COH Mohawk River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:46	LWAK	NOR Long Lake/Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:47	LWAK	NOR Lake Tilley	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:48	ONCLarge	334 Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:49	ONCLarge	334 Vermillion River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:50	ONCLarge	334 Colby Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:51	ONCLarge	334 Lake Isabelle	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:52	ONCLarge	463 Blue River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:52	ONCLarge	463 Rock Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:53	ONCLarge	463 Shoal Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:54	ONCLarge	463 Missouri River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:55	ONCLarge	464 Ottowa River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:55	ONCLarge	464 Twin Lakes Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:56	ONCLarge	464 Metzger/Ferguson Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:57	ONCLarge	504 Pennsauken Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:58	ONCLarge	504 Darby Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:59	ONCLarge	504 Cooper River Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 1:59	ONCLarge	504 Schuykill River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:00	ONCLarge	600 Lake Jackson	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:01	ONCLarge	600 Oyster Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:02	ONCLarge	600 Brazos River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:02	ONCLarge	711 Brechtel Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:03	ONCLarge	711 Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:04	ONCLarge	806 Wolf Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:05	ONCLarge	806 Lake George	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:06	ONCLarge	806 Little Calumet River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:06	ONCLarge	806 Grand Calumet River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:07	ONCLarge	915 Genesee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:08	ONCLarge	915 Irondequoit Bay	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:09	ONCLarge	915 Highland Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:09	ONCLarge	A32 Armand Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:10	ONCLarge	A43 Twelvemile Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:11	ONCLarge	A43 Bergholtz Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:12	ONCLarge	A43 Cayuga Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:13	ONCLarge	A43 Niagara River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:13	ONCLarge	A50 Carpenters Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:14	ONCLarge	A50 Highlands Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:15	ONCLarge	A50 Buffalo Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:16	ONCLarge	A50 San Jacinto River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:16	ONCLarge	A62 Caney Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:17	ONCLarge	A62 E & W Fork Crystal Cr.	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:18	ONCLarge	A62 Stewarts Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:19	ONCLarge	A62 Lewis Creek Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:20	ONCLarge	B20 Cuyahoga River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:20	ONCLarge	B20 Upper and Lower Shaker Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:21	ONCLarge	B20 Euclid Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:22	ONCLarge	B20 Fairmont Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:23	ONCLarge	HAN Fabius River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:24	ONCLarge	HAN Spring Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:24	ONCLarge	HAN Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:25	ONCLarge	KIN North Fork Holston River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:26	ONCLarge	KIN Kingsport Reservoir	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:27	ONCLarge	KIN South Fork Holston River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:27	ONCLarge	KIN Reedy Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:28	ONCLarge	MCI Hals Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:29	ONCLarge	MCI Helicat Lake	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:30	ONCLarge	MCI Alabama River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:31	ONCLarge	MCI Tombigbee River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:31	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:32	ONCLarge	MID Sturgeon Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:33	ONCLarge	MID Kawkawlin River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:34	ONCLarge	MID Chippewa River (most inclusive data)	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:35	ONCLarge	STG Bayou Plaquemine	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:36	ONCLarge	STG Manchac Bayou	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:36	ONCLarge	STG Bayou Fountain	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:37	ONCLarge	STG Mississippi River	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 2:39	ONCSmall	340 Sunfish Creek	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Beyond the Floor Emissions

<u>Facility</u>	<u>Site</u>	<u>Waterbody</u>	<u>Hg2 Suspended Biotic solids Kd(L/kg)</u>	<u>MHg Suspended Biotic solids Kd(L/kg)</u>	<u>Notill Soil base reduction (fday)</u>	<u>Notill Depth for soil base reduction (m)</u>	<u>Water content for soil base reduction</u>	<u>Depth for base volatilization (m)</u>	<u>Hg0 Vol. For this depth (yr)</u>
11/6/98 3:57	OINCSmall	TOO	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06
11/6/98 3:58	OINCSmall	TOO	2.00E+05	5.00E+05	5.00E-04	5.00E-03	1.00E+00	5.00E-03	1.59E+06

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant	
11/6/98 0.17	CINC	209	Lawsons Fork Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.18	CINC	209	Tyger River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.19	CINC	209	Fair Forest Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.20	CINC	209	Middle Tyger River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.20	CINC	214	Fish Ponds	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.21	CINC	214	Lake Clause	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.23	CINC	214	Comite River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.24	CINC	221	Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.25	CINC	221	Sheldon Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.26	CINC	324	Shades Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.27	CINC	324	Valley Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.28	CINC	324	Bayview Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.28	CINC	324	Cahaba River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.29	CINC	325	Big Hill Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.30	CINC	325	Potato Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.31	CINC	325	Claymore Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.31	CINC	325	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.32	CINC	331	Rocky River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.33	CINC	331	East Branch Black River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.34	CINC	331	Wyleswood Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.35	CINC	331	Baldwin Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.35	CINC	359	Kentucky River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.36	CINC	359	Indian Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.37	CINC	359	Indian Kentucky Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.38	CINC	359	Ohio River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.39	CINC	A15	Tonawanda Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.39	CINC	A15	Murder Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.40	CINC	A15	Ellicott Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.41	CINC	A18	Taylor Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.43	CINC	A18	Viterbo Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.43	CINC	CAL	Tennessee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.44	CINC	CAL	Kentucky Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.45	CINC	CAL	Barkley Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.46	CINC	CAL	Cumberland River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.46	CINC	ELD	Flat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.47	CINC	ELD	Salt Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.48	CINC	ELD	Calion Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.49	CINC	ELD	Ouachita River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.49	CINC	SAU	Horsehoe Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.50	CINC	SAU	Old Cahokia Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.51	CINC	SAU	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.53	CK	202	Elk City Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.54	CK	202	Montgomery County State Park Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 0.55	CK	202	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.56	CK	203	Catalpa Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.57	CK	203	Gilmer Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.58	CK	203	N. Branch Magdowah Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 0.59	CK	203	Shotbag Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.00	CK	204	Bay Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.01	CK	204	Little Calumet Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.03	CK	204	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.04	CK	302	Saunsee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.05	CK	302	Auglaize River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.06	CK	302	Six Mile Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.07	CK	304	Big Walnut Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.08	CK	304	Glenn Flint Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.08	CK	304	Deer Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.09	CK	320	Mud Devils Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.10	CK	320	Thunder Bay River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.11	CK	320	Long Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.12	CK	321	Powell Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.13	CK	321	Lake Demopolis	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.14	CK	321	Lake Henry	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.15	CK	BAT	Monocacy Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.15	CK	BAT	Lehigh River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.16	CK	CHA	Allen Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.17	CK	CHA	Sante Fe Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.18	CK	CHA	Nosho River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.18	CK	FOR	Walnut Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.19	CK	FOR	West Flat Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.20	CK	FOR	Hamilton Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.21	CK	FRE	Salt Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.21	CK	FRE	Verdigris River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.22	CK	FRE	Fall River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.23	CK	HAR	Indian Field Swamp	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.24	CK	HAR	Walnut Branch	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.24	CK	HAR	Huttos Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.25	CK	HOL	Huttos Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.26	CK	HOL	Lake Merkel	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.27	CK	TEX	Armstrong Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1.28	CK	TEX	Massey Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1.28	CK	TEX	Mountain Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant	
11/6/98 1:29	CK	TEX	Waxahachie Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:30	CK	WAM	Connoquenessing Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:31	CK	WAM	Hereford Manor Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:31	CK	WAM	Beaver River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:32	CK	WAM	Slippery Rock Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:34	LWAK	ARV	James River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:34	LWAK	ARV	Sports Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:35	LWAK	ARV	Holman Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:36	LWAK	ARV	Rivanna River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:38	LWAK	BRO	McNeely Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:38	LWAK	BRO	Silver Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:40	LWAK	CAS	Cascade Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:41	LWAK	CAS	Smith River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:41	LWAK	CAS	Dan River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:42	LWAK	COH	Troy Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:43	LWAK	COH	Hudson River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:44	LWAK	COH	Mohawk River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:47	LWAK	NOR	Lake Tilley	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:48	OINCLarge	334	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:49	OINCLarge	334	Vermillion River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:50	OINCLarge	334	Colby Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:51	OINCLarge	334	Lake Isabelle	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:52	OINCLarge	463	Blue River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:52	OINCLarge	463	Rock Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:53	OINCLarge	463	Shosh Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:54	OINCLarge	463	Missouri River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:55	OINCLarge	464	Ottawa River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:55	OINCLarge	464	Twin Lakes Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:56	OINCLarge	464	Metzger/Ferguson Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:57	OINCLarge	504	Pennsauken Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:58	OINCLarge	504	Darby Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 1:59	OINCLarge	504	Cooper River Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 1:59	OINCLarge	504	Schuykill River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:00	OINCLarge	600	Lake Jackson	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:01	OINCLarge	600	Oyster Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:02	OINCLarge	600	Brazos River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:02	OINCLarge	711	Brechtel Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:03	OINCLarge	711	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:04	OINCLarge	806	Wolf Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:05	OINCLarge	806	Lake George	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:06	OINCLarge	806	Little Calumet River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:06	OINCLarge	806	Grand Calumet River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:07	OINCLarge	915	Genesee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:08	OINCLarge	915	Irondequoit Bay	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:09	OINCLarge	915	Highland Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:09	OINCLarge	A32	Armand Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:10	OINCLarge	A43	Twelvemile Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:11	OINCLarge	A43	Bergholtz Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:12	OINCLarge	A43	Cayuga Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:13	OINCLarge	A43	Niagara River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:13	OINCLarge	A50	Carpenters Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:14	OINCLarge	A50	Highlands Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:15	OINCLarge	A50	Buffalo Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:16	OINCLarge	A50	San Jacinto River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:16	OINCLarge	A62	Caney Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:17	OINCLarge	A62	E & W Fork, Crystal Cr.	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:18	OINCLarge	A62	Stewarts Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:19	OINCLarge	A62	Lewis Creek Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:20	OINCLarge	B20	Cuyahoga River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:20	OINCLarge	B20	Upper and Lower Shaker Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:21	OINCLarge	B20	Euclid Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:22	OINCLarge	B20	Fairmont Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:23	OINCLarge	HAN	Fabis River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:24	OINCLarge	HAN	Spring Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:24	OINCLarge	HAN	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:25	OINCLarge	KIN	North Fork Holston River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:26	OINCLarge	KIN	Kingsport Reservoir	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:27	OINCLarge	KIN	South Fork Holston River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:27	OINCLarge	KIN	Reedy Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:28	OINCLarge	MCI	Hals Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:29	OINCLarge	MCI	Helicat Lake	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 2:30	OINCLarge	MCI	Alabama River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:31	OINCLarge	MCI	Tombigbee River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:31	OINCLarge	MID	Tittabawassee River (plus Sanford Lake)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:32	OINCLarge	MID	Sturgeon Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:33	OINCLarge	MID	Kawkawin River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:34	OINCLarge	MID	Chippewa River (most inclusive data)	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:35	OINCLarge	STG	Bayou Plaquemine	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:36	OINCLarge	STG	Manchac Bayou	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:36	OINCLarge	STG	Bayou Fountain	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:37	OINCLarge	STG	Mississippi River	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02
11/6/98 2:39	OINCSmall	340	Sunfish Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Vol. For this depth (yr)	Soil Methylation rate constant	Soil Mer cleavage demethylation rate constant	Soil Demethylation rate constant	Soil Oxidation rate constant	Surface Water Reduction rate constant	Surface Water Methylation rate constant	
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-01
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	1.54E+06	1.83E-02	0.00E+00	9.13E-01	0.00E+00	2.74E+00	3.65E-02

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant	
11/6/98 0.17	CINC	209	Lawsons Fork Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.18	CINC	209	Tyger River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.19	CINC	209	Fair Forest Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.20	CINC	209	Middle Tyger River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.20	CINC	214	Fish Ponds	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.21	CINC	214	Lake Clause	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.23	CINC	214	Comite River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.24	CINC	221	Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.25	CINC	221	Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.25	CINC	221	San Jacinto River /Houston Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.26	CINC	324	Shades Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.27	CINC	324	Valley Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.28	CINC	324	Bayview Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.28	CINC	324	Cahaba River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.29	CINC	325	Big Hill Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.30	CINC	325	Potato Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.31	CINC	325	Claymore Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.31	CINC	325	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.32	CINC	331	Rocky River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.33	CINC	331	East Branch Black River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.34	CINC	331	Wyleswood Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.35	CINC	331	Baldwin Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.35	CINC	359	Kentucky River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.36	CINC	359	Indian Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.37	CINC	359	Indian Kentuck Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.38	CINC	359	Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.39	CINC	A15	Tonawanda Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.39	CINC	A15	Murder Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.40	CINC	A15	Elicott Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.41	CINC	A18	Taylor Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.43	CINC	A18	Viterbo Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.43	CINC	CAL	Tennessee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.44	CINC	CAL	Kentucky Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.45	CINC	CAL	Barkley Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.46	CINC	CAL	Cumberland River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.46	CINC	ELD	Flat Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.47	CINC	ELD	Salt Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.48	CINC	ELD	Calion Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.49	CINC	ELD	Ouachita River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.49	CINC	SAU	Horsehoe Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.50	CINC	SAU	Old Cahokia Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.51	CINC	SAU	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.53	CK	202	Elk City Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.54	CK	202	Montgomery County State Park Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 0.55	CK	202	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.56	CK	203	Catalpa Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.57	CK	203	Gilmer Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.58	CK	203	N. Branch Maggawah Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 0.59	CK	203	Shottbag Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.00	CK	204	Bay Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.01	CK	204	Little Calumet Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.03	CK	204	Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.04	CK	302	Saunsee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.05	CK	302	Auglaize River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.06	CK	302	Six Mile Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.07	CK	304	Big Walnut Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.08	CK	304	Glenn Flint Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.08	CK	304	Deer Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.09	CK	320	Mud Devils Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.10	CK	320	Thunder Bay River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.11	CK	320	Long Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.12	CK	321	Powell Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.13	CK	321	Lake Demopolis	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.14	CK	321	Lake Henry	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.15	CK	BAT	Monocacy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.15	CK	BAT	Lehigh River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.16	CK	CHA	Allen Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.17	CK	CHA	Sante Fe Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.18	CK	CHA	Noscho River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.18	CK	FOR	Walnut Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.19	CK	FOR	West Flat Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.20	CK	FOR	Hamilton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.21	CK	FRE	Salt Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.21	CK	FRE	Verdigris River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.22	CK	FRE	Fall River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.23	CK	HAR	Indian Field Swamp	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.24	CK	HAR	Walnut Branch	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.24	CK	HAR	Huttos Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.25	CK	HOL	Huttos Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.26	CK	HOL	Lake Merkel	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.27	CK	TEX	Armstrong Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1.28	CK	TEX	Massey Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1.28	CK	TEX	Mountain Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 1:29	CK	TEX Waxahachie Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:30	CK	WAM Connoquenessing Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:31	CK	WAM Heretford Manor Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:31	CK	WAM Beaver River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:32	CK	WAM Slippery Rock Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:34	LWAK	ARV James River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:34	LWAK	ARV Sports Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:35	LWAK	ARV Holman Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:36	LWAK	ARV Rivanna River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:38	LWAK	BRO McNeely Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:38	LWAK	BRO Silver Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:40	LWAK	CAS Cascade Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:41	LWAK	CAS Smith River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:41	LWAK	CAS Dan River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:42	LWAK	COH Troy Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:43	LWAK	COH Hudson River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:44	LWAK	COH Mohawk River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:46	LWAK	NOR Long Lake/Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:47	LWAK	NOR Lake Tilery	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:48	ONCLarge	334 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:49	ONCLarge	334 Vermillion River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:50	ONCLarge	334 Colby Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:51	ONCLarge	334 Lake Isabelle	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:52	ONCLarge	463 Blue River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:52	ONCLarge	463 Rock Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:53	ONCLarge	463 Shosh Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:54	ONCLarge	463 Missouri River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:55	ONCLarge	464 Ottawa River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:55	ONCLarge	464 Twin Lakes Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:56	ONCLarge	464 Metzger/Ferguson Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:57	ONCLarge	504 Pennsauken Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:58	ONCLarge	504 Darby Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 1:59	ONCLarge	504 Cooper River Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 1:59	ONCLarge	504 Schuylkill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:00	ONCLarge	600 Lake Jackson	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:01	ONCLarge	600 Oyster Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:02	ONCLarge	600 Brazos River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:02	ONCLarge	711 Brechtel Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:03	ONCLarge	711 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:04	ONCLarge	806 Wolf Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:05	ONCLarge	806 Lake George	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:06	ONCLarge	806 Little Calumet River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:06	ONCLarge	806 Grand Calumet River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:07	ONCLarge	915 Genesee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:08	ONCLarge	915 Irondequoit Bay	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:09	ONCLarge	915 Highland Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:09	ONCLarge	A32 Armand Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:10	ONCLarge	A43 Twelvemile Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:11	ONCLarge	A43 Bergholtz Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:12	ONCLarge	A43 Cayuga Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:13	ONCLarge	A43 Niagara River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:13	ONCLarge	A50 Carpenters Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:14	ONCLarge	A50 Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:15	ONCLarge	A50 Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:16	ONCLarge	A50 San Jacinto River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:16	ONCLarge	A62 Caney Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:17	ONCLarge	A62 E & W Fork, Crystal Cr.	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:18	ONCLarge	A62 Stewarts Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:19	ONCLarge	A62 Lewis Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:20	ONCLarge	B20 Cuyahoga River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:20	ONCLarge	B20 Upper and Lower Shaker Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:21	ONCLarge	B20 Euclid Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:22	ONCLarge	B20 Fairmont Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:23	ONCLarge	HAN Fabius River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:24	ONCLarge	HAN Spring Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:24	ONCLarge	HAN Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:25	ONCLarge	KIN North Fork Holston River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:26	ONCLarge	KIN Kingsport Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:27	ONCLarge	KIN South Fork Holston River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:27	ONCLarge	KIN Reedy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:28	ONCLarge	MCI Hals Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:29	ONCLarge	MCI Helicat Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2:30	ONCLarge	MCI Alabama River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:31	ONCLarge	MCI Tombigbee River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:31	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:32	ONCLarge	MID Sturgeon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:33	ONCLarge	MID Kawkaulin River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:34	ONCLarge	MID Chippewa River (most inclusive data)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:35	ONCLarge	STG Bayou Plaquemine	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:36	ONCLarge	STG Manchac Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:36	ONCLarge	STG Bayou Fountain	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:37	ONCLarge	STG Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2:39	ONCLarge	340 Sunfish Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 2.40	OINCSmall	340 Proctor Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.40	OINCSmall	340 Fish Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.41	OINCSmall	340 Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.42	OINCSmall	342 Kalamazoo River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.43	OINCSmall	342 East Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2.44	OINCSmall	342 Portage Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.44	OINCSmall	342 Portage River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.45	OINCSmall	453 Lake Spivey	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2.46	OINCSmall	453 Jester Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.47	OINCSmall	453 Flint River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.48	OINCSmall	468 Wassahickon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.49	OINCSmall	468 Tacony Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.49	OINCSmall	468 Schuykill	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.50	OINCSmall	468 Pickering Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2.51	OINCSmall	701 Wabash River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.52	OINCSmall	701 Sugar Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.53	OINCSmall	701 Big Racoon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.53	OINCSmall	704 Ganvey Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2.54	OINCSmall	704 Legg Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2.55	OINCSmall	704 Silver Lake Res.	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 2.56	OINCSmall	708 Grindle Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.57	OINCSmall	708 Parker Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.57	OINCSmall	708 Tranters Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.58	OINCSmall	725 Passaic River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 2.59	OINCSmall	725 Silver Lake Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.00	OINCSmall	725 Reservoir No. 2	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.01	OINCSmall	725 Rahway River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.02	OINCSmall	824 Newton Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.02	OINCSmall	824 Big Timber Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.03	OINCSmall	824 Darby Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.04	OINCSmall	824 Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.05	OINCSmall	904 Pascagoula River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.06	OINCSmall	904 Escatawpa River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.06	OINCSmall	906 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.07	OINCSmall	906 Coopers Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.09	OINCSmall	906 Eliza Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.10	OINCSmall	906 Muscatine Slough	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.11	OINCSmall	A14 New River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.12	OINCSmall	A14 Bayou Conway	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.13	OINCSmall	A14 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.14	OINCSmall	A14 Bayou Lafourche	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.15	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.15	OINCSmall	A26 Carter Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.17	OINCSmall	A26 Dota Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.18	OINCSmall	A31 Nottaway River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.19	OINCSmall	A31 Chowan River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.20	OINCSmall	A31 Nottaway Swamp (a creek)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.21	OINCSmall	A45 Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.22	OINCSmall	A44 Highlands Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.23	OINCSmall	A45 Greens Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.24	OINCSmall	A45 Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.25	OINCSmall	A46 Little Muskingum River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.27	OINCSmall	A46 Ohio River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.28	OINCSmall	A46 Middle Island Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.29	OINCSmall	A47 Caney River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.30	OINCSmall	A47 Sand Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.31	OINCSmall	A47 Bar-Dew Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.32	OINCSmall	A47 Lake Hudson	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.33	OINCSmall	A55 Mohawk River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.33	OINCSmall	A55 Acplause Kill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.34	OINCSmall	A55 Stony Creek Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.35	OINCSmall	A55 Waterveil Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.36	OINCSmall	B18 Gulf Intercoastal Waterway	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.37	OINCSmall	B18 Bayou La Butte	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.38	OINCSmall	B18 Mississippi River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.38	OINCSmall	B18 Bayou Manchac	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.39	OINCSmall	B23 Hillbrandt Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.40	OINCSmall	B23 Cow Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.41	OINCSmall	B23 Neches River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.42	OINCSmall	B23 Port Arthur Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.27	OINCSmall	B31 Wassahickon Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.28	OINCSmall	B31 Neshaminy Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 19.29	OINCSmall	B31 Peace Valley Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 19.30	OINCSmall	B31 Schuykill River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.46	OINCSmall	B32 Cedar Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.47	OINCSmall	B32 Cary Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.48	OINCSmall	B32 Goose Creek	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.48	OINCSmall	B37 Arkansas River	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.49	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.50	OINCSmall	B37 Yellow Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.51	OINCSmall	B37 Lake Pine Bluff	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.52	OINCSmall	B44 Sheldon Reservoir	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.53	OINCSmall	B44 Greens Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.54	OINCSmall	B44 Buffalo Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.54	OINCSmall	B44 Hunting Bayou	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00
11/6/98 3.55	OINCSmall	TOO Rush Lake	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3.56	OINCSmall	TOO Box Elder Wash	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Surface Water Mer cleavage demethylation rate constant	Surface Water Demethylation rate constant	Surface Water Oxidation rate constant	Sediment Reduction rate constant	Sediment Methylation rate constant	Sediment Mer cleavage demethylation rate constant
11/6/98 3:57	OINCSmall	TOO	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-02	0.00E+00
11/6/98 3:58	OINCSmall	TOO	0.00E+00	5.48E+00	0.00E+00	1.00E-06	3.65E-03	0.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/Kg)	Tier4FishBAF (L/Kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	
11/6/98 0.17	CINC	209	Lawsons Fork Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.55E-14	3.01E-11
11/6/98 0.18	CINC	209	Tyger River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.70E-14	7.96E-11
11/6/98 0.19	CINC	209	Fair Forest Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.97E-14	4.51E-11
11/6/98 0.20	CINC	209	Middle Tyger River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.66E-14	5.40E-11
11/6/98 0.20	CINC	214	Fish Ponds	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-13	2.72E-10
11/6/98 0.21	CINC	214	Lake Clause	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.37E-13	5.70E-10
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.77E-14	1.97E-10
11/6/98 0.23	CINC	214	Comite River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.31E-14	2.66E-10
11/6/98 0.24	CINC	221	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.14E-12	6.04E-09
11/6/98 0.25	CINC	221	Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.35E-12	6.29E-09
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.60E-12	9.30E-09
11/6/98 0.26	CINC	324	Stades Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.59E-14	1.89E-11
11/6/98 0.27	CINC	324	Valley Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.68E-14	5.61E-11
11/6/98 0.28	CINC	324	Bayview Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.31E-14	8.33E-11
11/6/98 0.28	CINC	324	Cahaba River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.58E-15	1.68E-11
11/6/98 0.29	CINC	325	Big Hill Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.08E-12	6.30E-11
11/6/98 0.30	CINC	325	Potato Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.94E-12	6.81E-11
11/6/98 0.31	CINC	325	Claymore Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.00E-12	2.30E-10
11/6/98 0.31	CINC	325	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.56E-13	3.75E-11
11/6/98 0.32	CINC	331	Rocky River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.05E-14	2.50E-10
11/6/98 0.33	CINC	331	East Branch Black River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.78E-13	6.27E-10
11/6/98 0.34	CINC	331	Wyleswood Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.31E-13	3.41E-10
11/6/98 0.35	CINC	331	Baldwin Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.94E-14	1.46E-10
11/6/98 0.35	CINC	359	Kentucky River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.54E-13	1.44E-09
11/6/98 0.36	CINC	359	Indian Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.61E-13	1.64E-09
11/6/98 0.37	CINC	359	Indian Kentucky Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.41E-13	1.11E-09
11/6/98 0.38	CINC	359	Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.70E-13	1.35E-09
11/6/98 0.39	CINC	A15	Tonawanda Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.48E-14	1.70E-11
11/6/98 0.39	CINC	A15	Murder Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.91E-15	1.38E-11
11/6/98 0.40	CINC	A15	Ellicott Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.45E-15	1.63E-11
11/6/98 0.41	CINC	A18	Taylor Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.69E-12	1.72E-08
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.02E-12	7.01E-09
11/6/98 0.43	CINC	A18	Viterbo Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.57E-12	9.67E-09
11/6/98 0.43	CINC	CAL	Tennessee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.04E-12	4.77E-09
11/6/98 0.44	CINC	CAL	Kentucky Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.48E-12	7.20E-09
11/6/98 0.45	CINC	CAL	Barkley Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.44E-13	2.72E-09
11/6/98 0.46	CINC	CAL	Cumberland River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.07E-12	3.11E-09
11/6/98 0.46	CINC	ELD	Flat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.92E-12	1.56E-08
11/6/98 0.47	CINC	ELD	Salt Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.39E-12	9.14E-09
11/6/98 0.48	CINC	ELD	Calton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.81E-12	3.73E-09
11/6/98 0.49	CINC	ELD	Ouachita River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.64E-12	5.25E-09
11/6/98 0.49	CINC	SAU	Horsehoe Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.11E-14	2.15E-10
11/6/98 0.50	CINC	SAU	Old Catokas Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.71E-13	1.30E-09
11/6/98 0.51	CINC	SAU	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.46E-13	4.79E-10
11/6/98 0.53	CK	202	Elk City Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.29E-13	1.12E-09
11/6/98 0.54	CK	202	Montgomery County State Park Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.63E-13	5.18E-09
11/6/98 0.55	CK	202	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.17E-13	1.62E-09
11/6/98 0.56	CK	203	Catalpa Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.81E-12	2.38E-08
11/6/98 0.57	CK	203	Gilmer Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.33E-12	3.34E-08
11/6/98 0.58	CK	203	N. Branch Magowah Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.23E-12	1.18E-07
11/6/98 0.59	CK	203	Shoatbag Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.12E-12	2.75E-08
11/6/98 1.00	CK	204	Bay Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.10E-13	7.49E-09
11/6/98 1.01	CK	204	Little Calumet Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.05E-13	4.14E-08
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.43E-13	1.94E-08
11/6/98 1.03	CK	204	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.94E-13	1.76E-08
11/6/98 1.04	CK	302	Saunsee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-12	5.91E-09
11/6/98 1.05	CK	302	Auglaize River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.52E-12	5.21E-09
11/6/98 1.06	CK	302	Six Mile Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.39E-12	1.91E-08
11/6/98 1.07	CK	304	Big Walnut Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.02E-12	8.32E-09
11/6/98 1.08	CK	304	Glenn Flint Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.03E-12	4.69E-09
11/6/98 1.08	CK	304	Deer Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.98E-12	1.35E-08
11/6/98 1.09	CK	320	Mud Devils Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.90E-12	3.53E-08
11/6/98 1.10	CK	320	Thunder Bay River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.55E-12	4.15E-08
11/6/98 1.11	CK	320	Long Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.03E-12	3.21E-08
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.69E-12	1.13E-08
11/6/98 1.12	CK	321	Powell Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.86E-12	9.92E-09
11/6/98 1.13	CK	321	Lake Demopolis	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.69E-12	1.13E-08
11/6/98 1.14	CK	321	Lake Henry	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.40E-12	8.43E-09
11/6/98 1.15	CK	BAT	Monocacy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.90E-12	8.50E-09
11/6/98 1.15	CK	BAT	Lehigh River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.08E-13	4.38E-09
11/6/98 1.16	CK	CHA	Allen Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.03E-11	1.14E-07
11/6/98 1.17	CK	CHA	Sante Fe Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.25E-12	1.65E-07
11/6/98 1.18	CK	CHA	Nosho River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.24E-12	6.01E-08
11/6/98 1.18	CK	FOR	Walnut Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.89E-12	1.88E-08
11/6/98 1.19	CK	FOR	West Flat Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.14E-12	4.75E-08
11/6/98 1.20	CK	FOR	Hamilton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.94E-12	1.13E-07
11/6/98 1.21	CK	FRE	Salt Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.18E-12	1.65E-08
11/6/98 1.21	CK	FRE	Verdigris River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.67E-12	2.41E-08
11/6/98 1.22	CK	FRE	Fall River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.71E-12	5.84E-09
11/6/98 1.23	CK	HAR	Indian Field Swamp	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.63E-12	3.86E-08
11/6/98 1.24	CK	HAR	Walnut Branch	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.77E-12	3.02E-08
11/6/98 1.24	CK	HAR	Huttos Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.57E-11	1.12E-07
11/6/98 1.25	CK	HOL	Huttos Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.36E-11	2.51E-08
11/6/98 1.26	CK	HOL	Lake Merkel	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.75E-12	4.60E-09
11/6/98 1.27	CK	TEX	Armstrong Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.86E-11	4.71E-09
11/6/98 1.28	CK	TEX	Massey Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.72E-12	2.02E-09
11/6/98 1.28	CK	TEX	Mountain Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.43E-11	6.50E-09

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	
11/6/98 1:29	CK	TEX	Waxahachie Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.22E-11	2.30E-09
11/6/98 1:30	CK	WAM	Connoquenessing Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-12	8.88E-09
11/6/98 1:31	CK	WAM	Hereford Manor Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.34E-12	6.01E-09
11/6/98 1:31	CK	WAM	Beaver River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.65E-12	9.87E-09
11/6/98 1:32	CK	WAM	Slippery Rock Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.63E-12	1.74E-09
11/6/98 1:34	LWAK	ARV	James River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.09E-13	4.98E-10
11/6/98 1:34	LWAK	ARV	Sports Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.21E-13	4.18E-10
11/6/98 1:35	LWAK	ARV	Holman Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.15E-13	6.27E-10
11/6/98 1:36	LWAK	ARV	Rivanna River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.34E-13	2.17E-10
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.08E-12	1.74E-08
11/6/98 1:38	LWAK	BRO	McNeely Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.86E-12	4.81E-09
11/6/98 1:38	LWAK	BRO	Silver Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.24E-12	5.04E-09
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.75E-12	3.18E-09
11/6/98 1:40	LWAK	CAS	Cascade Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.73E-12	1.03E-08
11/6/98 1:41	LWAK	CAS	Smith River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.66E-13	2.45E-09
11/6/98 1:41	LWAK	CAS	Dan River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.70E-12	2.86E-09
11/6/98 1:42	LWAK	COH	Troy Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.94E-12	1.20E-09
11/6/98 1:43	LWAK	COH	Hudson River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.18E-12	2.97E-09
11/6/98 1:44	LWAK	COH	Mohawk River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.53E-12	3.41E-09
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.05E-13	5.47E-10
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.80E-13	1.20E-09
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.94E-13	6.31E-10
11/6/98 1:47	LWAK	NOR	Lake Tilley	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.61E-13	4.15E-10
11/6/98 1:48	ONCLarge	334	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.58E-14	1.10E-10
11/6/98 1:49	ONCLarge	334	Vermillion River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.15E-14	1.10E-10
11/6/98 1:50	ONCLarge	334	Colby Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.39E-14	1.44E-10
11/6/98 1:51	ONCLarge	334	Lake Isabelle	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.06E-13	2.06E-10
11/6/98 1:52	ONCLarge	463	Blue River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.13E-12	2.48E-09
11/6/98 1:52	ONCLarge	463	Rock Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.01E-12	8.51E-09
11/6/98 1:53	ONCLarge	463	Shoal Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.46E-12	1.78E-09
11/6/98 1:54	ONCLarge	463	Missouri River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.24E-12	2.23E-09
11/6/98 1:55	ONCLarge	464	Ottawa River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.10E-14	8.58E-11
11/6/98 1:55	ONCLarge	464	Twin Lakes Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.77E-14	1.27E-10
11/6/98 1:56	ONCLarge	464	Metzger/Ferguson Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.85E-14	1.16E-10
11/6/98 1:57	ONCLarge	504	Pennsauken Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.72E-13	5.91E-10
11/6/98 1:58	ONCLarge	504	Darby Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.24E-13	2.05E-09
11/6/98 1:59	ONCLarge	504	Cooper River Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.74E-13	5.91E-10
11/6/98 1:59	ONCLarge	504	Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.77E-13	2.40E-09
11/6/98 2:00	ONCLarge	600	Lake Jackson	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.26E-12	9.19E-11
11/6/98 2:01	ONCLarge	600	Oyster Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.69E-12	9.19E-11
11/6/98 2:02	ONCLarge	600	Brazos River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.15E-12	1.72E-10
11/6/98 2:02	ONCLarge	711	Brechtel Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.47E-13	8.25E-10
11/6/98 2:03	ONCLarge	711	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.90E-13	1.74E-09
11/6/98 2:04	ONCLarge	806	Wolf Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.15E-13	3.20E-09
11/6/98 2:05	ONCLarge	806	Lake George	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.81E-13	3.30E-09
11/6/98 2:06	ONCLarge	806	Little Calumet River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.44E-13	1.10E-09
11/6/98 2:06	ONCLarge	806	Grand Calumet River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.81E-12	3.53E-09
11/6/98 2:07	ONCLarge	915	Genesee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.58E-13	7.38E-09
11/6/98 2:08	ONCLarge	915	Irondequoit Bay	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.46E-12	4.46E-09
11/6/98 2:09	ONCLarge	915	Highland Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.71E-13	6.48E-09
11/6/98 2:09	ONCLarge	A32	Armand Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.00E-13	1.95E-09
11/6/98 2:10	ONCLarge	A43	Twelvemile Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.72E-13	1.70E-09
11/6/98 2:11	ONCLarge	A43	Bergholtz Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.43E-13	2.64E-09
11/6/98 2:12	ONCLarge	A43	Cayuga Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.68E-12	5.31E-09
11/6/98 2:13	ONCLarge	A43	Niagara River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.80E-13	2.13E-09
11/6/98 2:13	ONCLarge	A50	Carpenters Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.39E-13	3.74E-11
11/6/98 2:14	ONCLarge	A50	Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.73E-13	1.51E-11
11/6/98 2:15	ONCLarge	A50	Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.71E-13	4.30E-11
11/6/98 2:16	ONCLarge	A50	San Jacinto River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.51E-13	1.99E-11
11/6/98 2:16	ONCLarge	A62	Caney Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.06E-13	3.81E-09
11/6/98 2:17	ONCLarge	A62	E & W Fork, Crystal Cr.	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.99E-13	1.24E-08
11/6/98 2:18	ONCLarge	A62	Stewarts Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.16E-13	3.92E-09
11/6/98 2:19	ONCLarge	A62	Lewis Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.20E-13	1.09E-09
11/6/98 2:20	ONCLarge	B20	Cuyahoga River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.41E-12	5.31E-09
11/6/98 2:20	ONCLarge	B20	Upper and Lower Shaker Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.76E-12	6.34E-09
11/6/98 2:21	ONCLarge	B20	Euclid Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.34E-12	4.68E-09
11/6/98 2:22	ONCLarge	B20	Fairmont Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-11	1.87E-08
11/6/98 2:23	ONCLarge	HAN	Fabis River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.61E-12	6.47E-09
11/6/98 2:24	ONCLarge	HAN	Spring Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.29E-13	1.80E-09
11/6/98 2:24	ONCLarge	HAN	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.81E-13	2.05E-09
11/6/98 2:25	ONCLarge	KIN	North Fork Holston River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.16E-12	6.48E-09
11/6/98 2:26	ONCLarge	KIN	Kingsport Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.40E-12	7.82E-09
11/6/98 2:27	ONCLarge	KIN	South Fork Holston River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.44E-12	3.56E-09
11/6/98 2:27	ONCLarge	KIN	Reedy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.81E-12	6.47E-09
11/6/98 2:28	ONCLarge	MCI	Hals Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.72E-14	5.44E-10
11/6/98 2:29	ONCLarge	MCI	Helicat Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.72E-13	4.84E-09
11/6/98 2:30	ONCLarge	MCI	Alabama River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.91E-14	2.76E-10
11/6/98 2:31	ONCLarge	MCI	Tombigbee River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.29E-13	5.89E-10
11/6/98 2:31	ONCLarge	MID	Tittabawassee River (plus Sanford Lake)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.85E-12	8.55E-09
11/6/98 2:32	ONCLarge	MID	Sturgeon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.12E-12	5.70E-09
11/6/98 2:33	ONCLarge	MID	Kawkawin River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.24E-12	5.84E-09
11/6/98 2:34	ONCLarge	MID	Chippewa River (most inclusive data)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.08E-12	5.29E-09
11/6/98 2:35	ONCLarge	STG	Bayou Plaquemine	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.59E-12	3.37E-09
11/6/98 2:36	ONCLarge	STG	Manchac Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.85E-12	6.79E-09
11/6/98 2:36	ONCLarge	STG	Bayou Fountain	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.43E-12	2.86E-09
11/6/98 2:37	ONCLarge	STG	Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.01E-12	6.50E-09
11/6/98 2:39	ONCLarge	340	Sunfish Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.41E-12	1.63E-09

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)
11/6/98 2.40	OINCSmall	340 Proctor Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.91E-12	5.21E-09
11/6/98 2.40	OINCSmall	340 Fish Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.41E-12	1.63E-09
11/6/98 2.41	OINCSmall	340 Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.61E-12	2.60E-09
11/6/98 2.42	OINCSmall	342 Kalamazoo River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.08E-14	4.42E-11
11/6/98 2.43	OINCSmall	342 East Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.17E-14	1.17E-11
11/6/98 2.44	OINCSmall	342 Portage Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.83E-14	5.74E-11
11/6/98 2.44	OINCSmall	342 Portage River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.40E-14	3.73E-11
11/6/98 2.45	OINCSmall	453 Lake Spivey	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.82E-13	1.92E-10
11/6/98 2.46	OINCSmall	453 Jester Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.67E-13	1.05E-09
11/6/98 2.47	OINCSmall	453 Flint River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.91E-13	4.72E-10
11/6/98 2.48	OINCSmall	468 Wassahickon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.05E-14	8.99E-13
11/6/98 2.49	OINCSmall	468 Tacony Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.45E-14	6.57E-13
11/6/98 2.49	OINCSmall	468 Schuykill	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.42E-14	2.21E-12
11/6/98 2.50	OINCSmall	468 Pickering Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.56E-15	1.38E-12
11/6/98 2.51	OINCSmall	701 Wabash River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.44E-13	6.46E-11
11/6/98 2.52	OINCSmall	701 Sugar Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.04E-13	3.35E-11
11/6/98 2.53	OINCSmall	701 Big Racoon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.06E-13	5.66E-11
11/6/98 2.53	OINCSmall	704 Ganey Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.67E-13	3.67E-12
11/6/98 2.54	OINCSmall	704 Legg Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.41E-12	6.11E-12
11/6/98 2.55	OINCSmall	704 Silver Lake Res.	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.38E-14	3.06E-12
11/6/98 2.56	OINCSmall	708 Grindle Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.81E-13	2.13E-11
11/6/98 2.57	OINCSmall	708 Parker Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.08E-12	1.44E-10
11/6/98 2.57	OINCSmall	708 Tranters Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.50E-13	8.40E-12
11/6/98 2.58	OINCSmall	725 Passaic River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.60E-16	9.34E-13
11/6/98 2.59	OINCSmall	725 Silver Lake Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.89E-15	1.57E-12
11/6/98 3.00	OINCSmall	725 Reservoir No. 2	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.92E-16	1.13E-12
11/6/98 3.01	OINCSmall	725 Rahway River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.28E-16	1.01E-12
11/6/98 3.02	OINCSmall	824 Newton Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.57E-16	1.40E-12
11/6/98 3.02	OINCSmall	824 Big Timber Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.97E-16	1.43E-12
11/6/98 3.03	OINCSmall	824 Darby Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.23E-15	1.73E-13
11/6/98 3.04	OINCSmall	824 Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.16E-15	9.32E-13
11/6/98 3.05	OINCSmall	904 Pascagoula River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.35E-14	6.86E-11
11/6/98 3.06	OINCSmall	904 Escatawpa River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.45E-14	8.31E-11
11/6/98 3.06	OINCSmall	906 Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.28E-13	5.58E-10
11/6/98 3.07	OINCSmall	906 Coopers Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.92E-13	2.52E-10
11/6/98 3.09	OINCSmall	906 Eliza Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.02E-13	1.68E-10
11/6/98 3.10	OINCSmall	906 Muscatine Slough	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.54E-13	7.11E-10
11/6/98 3.11	OINCSmall	A14 New River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.18E-16	9.18E-14
11/6/98 3.12	OINCSmall	A14 Bayou Conway	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.50E-16	7.32E-14
11/6/98 3.13	OINCSmall	A14 Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.09E-16	7.32E-14
11/6/98 3.14	OINCSmall	A14 Bayou Lafourche	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.63E-16	4.32E-14
11/6/98 3.15	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.16E-12	4.08E-09
11/6/98 3.16	OINCSmall	A26 Carter Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.86E-13	1.86E-13
11/6/98 3.17	OINCSmall	A26 Dota Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.00E-13	9.73E-10
11/6/98 3.18	OINCSmall	A31 Nottaway River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.39E-13	6.51E-11
11/6/98 3.19	OINCSmall	A31 Chowan River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.22E-13	2.40E-11
11/6/98 3.20	OINCSmall	A31 Nottaway Swamp (a creek)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.26E-12	9.85E-11
11/6/98 3.21	OINCSmall	A45 Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.81E-14	3.08E-11
11/6/98 3.22	OINCSmall	A45 Highlands Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.13E-15	1.56E-11
11/6/98 3.23	OINCSmall	A45 Greens Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.03E-14	3.70E-11
11/6/98 3.24	OINCSmall	A45 Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.37E-14	7.50E-11
11/6/98 3.25	OINCSmall	A46 Little Muskingum River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.01E-13	1.12E-09
11/6/98 3.27	OINCSmall	A46 Ohio River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.62E-12	2.53E-09
11/6/98 3.28	OINCSmall	A46 Middle Island Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.48E-13	1.58E-09
11/6/98 3.29	OINCSmall	A47 Caney River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-14	4.25E-11
11/6/98 3.30	OINCSmall	A47 Sand Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.00E-14	8.51E-11
11/6/98 3.31	OINCSmall	A47 Bar-Dew Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.61E-14	7.76E-11
11/6/98 3.32	OINCSmall	A47 Lake Hudson	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.80E-14	6.34E-11
11/6/98 3.33	OINCSmall	A55 Mohawk River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.68E-14	8.33E-11
11/6/98 3.33	OINCSmall	A55 Apclause Kill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.33E-14	5.25E-11
11/6/98 3.34	OINCSmall	A55 Stony Creek Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.53E-14	2.56E-11
11/6/98 3.35	OINCSmall	A55 Waterlief Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.35E-14	8.71E-11
11/6/98 3.36	OINCSmall	B18 Gulf Interoastal Waterway	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.25E-14	2.76E-10
11/6/98 3.37	OINCSmall	B18 Bayou La Butte	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.68E-13	1.76E-09
11/6/98 3.38	OINCSmall	B18 Mississippi River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.22E-14	4.12E-10
11/6/98 3.38	OINCSmall	B18 Bayou Manchac	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	5.35E-14	2.50E-10
11/6/98 3.39	OINCSmall	B23 Hillbrandt Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.32E-15	7.25E-12
11/6/98 3.40	OINCSmall	B23 Cow Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.01E-15	4.83E-12
11/6/98 3.41	OINCSmall	B23 Neches River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.98E-15	6.25E-12
11/6/98 3.42	OINCSmall	B23 Port Arthur Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.36E-15	1.83E-11
11/6/98 19.27	OINCSmall	B31 Wassahickon Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.07E-14	3.24E-11
11/6/98 19.28	OINCSmall	B31 Neshaminy Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.65E-14	2.02E-11
11/6/98 19.29	OINCSmall	B31 Pease Valley Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	8.18E-15	1.16E-11
11/6/98 19.30	OINCSmall	B31 Schuykill River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.33E-14	1.33E-11
11/6/98 3.46	OINCSmall	B32 Cedar Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.92E-13	6.15E-11
11/6/98 3.47	OINCSmall	B32 Cary Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	9.94E-13	1.01E-10
11/6/98 3.48	OINCSmall	B32 Goose Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.35E-13	4.39E-11
11/6/98 3.48	OINCSmall	B37 Arkansas River	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	7.80E-14	1.54E-10
11/6/98 3.49	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.33E-14	5.90E-11
11/6/98 3.50	OINCSmall	B37 Yellow Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.02E-13	5.69E-10
11/6/98 3.51	OINCSmall	B37 Lake Pine Bluff	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.47E-14	1.62E-10
11/6/98 3.52	OINCSmall	B44 Sheldon Reservoir	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.14E-14	1.42E-11
11/6/98 3.53	OINCSmall	B44 Greens Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.46E-14	2.32E-11
11/6/98 3.54	OINCSmall	B44 Buffalo Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	6.04E-14	4.96E-11
11/6/98 3.54	OINCSmall	B44 Hunting Bayou	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.80E-14	2.51E-11
11/6/98 3.55	OINCSmall	TOO Rush Lake	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	2.31E-13	2.83E-09
11/6/98 3.56	OINCSmall	TOO Box Elder Wash	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	4.62E-13	1.38E-08

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Sediment Demethylation rate constant	Sediment Oxidation rate constant	Time of facility operation (yr)	Tier3FishBAF (L/kg)	Tier4FishBAF (L/kg)	Watershed Air Concentration (g/m3)	Hg0 Watershed Deposition Load (g/m2-yr)	
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	3.69E-14	1.52E-09
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	7.30E-01	0.00E+00	3.00E+01	1.60E+06	6.80E+06	1.83E-13	2.35E-09

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg2 Watershed Deposition Load (g/m2-yr)	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K
11/6/98 0.17	CINC	209	Lawsons Fork Creek	1.15E-09	3.10E-11	4.38E-10	1.82E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.18	CINC	209	Tyger River	1.46E-09	2.74E-09	1.46E-09	2.85E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.19	CINC	209	Fair Forest Creek	2.34E-09	4.51E-11	8.21E-10	3.09E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.20	CINC	209	Middle Tyger River	1.62E-09	4.16E-11	6.04E-10	1.39E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.20	CINC	214	Fish Ponds	1.03E-08	2.72E-10	4.69E-09	1.28E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.21	CINC	214	Lake Clause	1.36E-08	4.95E-10	6.28E-09	1.24E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	6.38E-09	3.31E-09	1.97E-10	6.64E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.23	CINC	214	Comite River	6.53E-09	2.50E-10	3.64E-09	5.76E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.24	CINC	221	Highlands Reservoir	3.45E-09	4.27E-09	7.95E-11	2.00E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.25	CINC	221	Sheldon Reservoir	8.65E-09	6.29E-09	1.29E-10	5.35E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	9.09E-09	2.05E-10	1.03E-08	5.09E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.26	CINC	324	Shades Creek	1.91E-09	7.12E-11	2.43E-11	1.48E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.27	CINC	324	Valley Creek	8.30E-09	3.65E-11	2.09E-09	3.74E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.28	CINC	324	Bayview Lake	9.27E-09	7.30E-11	2.01E-09	2.75E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.28	CINC	324	Cahaba River	8.91E-10	1.59E-11	2.91E-10	6.26E-15	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.29	CINC	325	Big Hill Creek	4.81E-07	7.32E-11	4.82E-08	1.16E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.30	CINC	325	Potato Creek	8.39E-07	1.07E-10	7.58E-08	3.26E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.31	CINC	325	Claymore Creek	1.57E-06	2.86E-06	4.38E-07	3.39E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.31	CINC	325	Verdigris River	1.60E-07	7.49E-11	4.30E-08	6.38E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.32	CINC	331	Rocky River	1.14E-08	2.74E-10	1.17E-08	1.08E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.33	CINC	331	East Branch Black River	4.14E-08	1.07E-08	3.77E-10	7.75E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.34	CINC	331	Wyleswood Lake	2.09E-08	3.41E-10	1.67E-08	1.31E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.35	CINC	331	Baldwin Lake	5.39E-09	2.37E-10	9.50E-09	9.79E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.35	CINC	359	Kentucky River	0.00E+00	0.00E+00	2.23E-09	1.12E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.36	CINC	359	Indian Creek	0.00E+00	1.79E-09	0.00E+00	9.04E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.37	CINC	359	Indian Kentucky Creek	0.00E+00	7.65E-10	0.00E+00	3.08E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.38	CINC	359	Ohio River	0.00E+00	1.94E-09	0.00E+00	8.98E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.39	CINC	A15	Tonawanda Creek	1.42E-09	8.49E-12	1.17E-10	5.09E-15	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.39	CINC	A15	Murder Creek	5.27E-10	1.26E-11	2.03E-10	5.47E-15	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.40	CINC	A15	Ellicott Creek	8.59E-10	1.89E-11	3.34E-10	8.97E-15	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.41	CINC	A18	Taylor Bayou	0.00E+00	1.67E-08	0.00E+00	3.94E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	0.00E+00	8.97E-09	0.00E+00	3.07E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.43	CINC	A18	Viterbo Reservoir	0.00E+00	1.16E-08	0.00E+00	4.21E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.43	CINC	CAL	Tennessee River	3.37E-09	4.09E-09	1.63E-09	8.80E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.44	CINC	CAL	Kentucky Lake	6.73E-09	6.73E-09	7.17E-09	2.01E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.45	CINC	CAL	Barkley Lake	1.57E-09	9.85E-10	5.85E-09	5.63E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.46	CINC	CAL	Cumberland River	3.29E-09	2.92E-09	2.02E-09	1.01E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.46	CINC	ELD	Flat Creek	0.00E+00	1.22E-08	0.00E+00	6.59E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.47	CINC	ELD	Salt Creek	0.00E+00	8.47E-09	0.00E+00	4.28E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.48	CINC	ELD	Calion Lake	0.00E+00	3.39E-09	0.00E+00	1.29E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.49	CINC	ELD	Ouachita River	0.00E+00	2.37E-09	0.00E+00	1.10E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.49	CINC	SAU	Horseshoe Lake	4.82E-09	2.25E-10	2.24E-09	8.51E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.50	CINC	SAU	Old Cahokia Creek	8.60E-09	3.61E-09	4.08E-09	1.24E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.51	CINC	SAU	Mississippi River	1.07E-08	1.10E-09	1.66E-08	2.80E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.53	CK	202	Elk City Lake	1.50E-08	1.53E-08	1.87E-09	2.00E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.54	CK	202	Montgomery County State Park Lake	1.08E-07	4.81E-09	1.08E-07	5.80E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.55	CK	202	Verdigris River	5.07E-08	5.96E-08	2.44E-09	5.34E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.56	CK	203	Catalpa Creek	3.91E-07	1.95E-08	8.79E-08	2.17E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.57	CK	203	Gilmer Creek	4.56E-07	2.05E-08	6.75E-08	1.54E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.58	CK	203	N. Branch Maggawah Creek	2.84E-06	2.09E-07	6.47E-06	1.88E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 0.59	CK	203	Shoatbag Creek	5.43E-07	2.23E-08	2.02E-07	1.91E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.00	CK	204	Bay Creek	1.17E-07	8.77E-09	8.77E-08	9.99E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.01	CK	204	Little Calumet Creek	3.75E-07	4.45E-08	7.73E-07	6.52E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	2.05E-07	1.85E-08	1.64E-07	8.76E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.03	CK	204	Mississippi River	2.14E-07	2.69E-08	2.86E-07	8.66E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.04	CK	302	Maumee River	2.48E-07	6.19E-09	6.68E-08	1.48E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.05	CK	302	Auglaize River	3.08E-07	2.82E-08	3.94E-09	1.45E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.06	CK	302	Six Mile Creek	1.02E-06	1.07E-08	1.84E-07	3.28E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.07	CK	304	Big Walnut Creek	2.99E-06	8.47E-09	1.36E-06	4.00E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.08	CK	304	Glenn Flint Lake	1.63E-06	5.75E-09	3.61E-07	2.92E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.08	CK	304	Deer Creek	4.90E-06	9.04E-07	8.17E-09	4.08E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.09	CK	320	Mud Devils Lake	9.04E-07	1.11E-07	9.04E-07	4.26E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.10	CK	320	Thunder Bay River	1.03E-06	7.05E-08	1.48E-06	2.76E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.11	CK	320	Long Lake	8.19E-07	3.21E-08	3.18E-07	3.02E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	3.37E-06	9.61E-09	2.85E-07	5.48E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.12	CK	321	Powell Creek	2.33E-06	1.00E-07	5.40E-09	4.73E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.13	CK	321	Lake Demopolis	3.37E-06	5.13E-08	1.08E-05	8.68E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.14	CK	321	Lake Henry	2.72E-06	6.97E-09	1.61E-07	4.90E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.15	CK	BAT	Monocacy Creek	4.94E-07	1.13E-08	3.82E-07	1.31E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.15	CK	BAT	Lehigh River	1.85E-07	3.56E-09	3.42E-08	6.40E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.16	CK	CHA	Allen Lake	3.06E-06	1.56E-06	1.20E-07	1.12E-11	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.17	CK	CHA	Sante Fe Lake	4.28E-06	1.88E-07	3.44E-06	7.99E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.18	CK	CHA	Nosho River	1.93E-06	5.80E-07	5.74E-07	8.68E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.18	CK	FOR	Walnut Bayou	1.75E-06	1.94E-06	1.75E-06	5.25E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.19	CK	FOR	West Flat Creek	1.97E-06	2.36E-08	4.13E-07	5.52E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.20	CK	FOR	Hamilton Lake	2.20E-06	1.58E-06	1.58E-06	5.56E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.21	CK	FRE	Salt Creek	8.05E-07	1.30E-08	1.55E-07	3.17E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.21	CK	FRE	Verdigris River	2.25E-06	4.88E-07	1.95E-08	7.51E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.22	CK	FRE	Fall River	6.23E-07	5.41E-09	3.11E-08	3.28E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.23	CK	HAR	Indian Field Swamp	2.14E-06	3.70E-08	3.43E-07	6.81E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.24	CK	HAR	Walnut Branch	2.06E-06	2.38E-08	2.05E-07	6.65E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.24	CK	HAR	Huttos Lake	7.11E-06	1.17E-07	3.46E-06	1.64E-11	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.25	CK	HOL	Huttos Lake	1.05E-05	2.53E-08	3.49E-06	1.35E-11	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.26	CK	HOL	Lake Merkel	3.74E-06	4.79E-09	1.82E-07	7.09E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.27	CK	TEX	Armstrong Creek	9.19E-06	9.19E-06	4.11E-07	1.83E-11	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.28	CK	TEX	Massey Lake	2.40E-06	1.23E-09	6.38E-08	2.21E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1.28	CK	TEX	Mountain Creek	8.63E-06	7.62E-09	4.37E-06	2.17E-11	1.20E-03			

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg2 Watershed Deposition Load (g/m2-yr)	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K
11/6/98 1:29	CK	TEX	Waxahachie Creek	4.97E-06	2.13E-09	3.30E-07	7.57E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:30	CK	WAM	Connoqueenessing Creek	6.27E-07	9.11E-09	4.91E-12	1.20E-03			1.80E-04	8.20E-05
11/6/98 1:31	CK	WAM	Hereford Manor Lake	3.22E-07	6.41E-09	3.61E-12	1.20E-03			1.80E-04	8.20E-05
11/6/98 1:31	CK	WAM	Beaver River	2.22E-06	2.89E-08	4.05E-06	3.19E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:32	CK	WAM	Slippery Rock Creek	2.95E-06	1.59E-06	1.45E-06	6.91E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:34	LWAK	ARV	James River	5.94E-08	5.70E-10	1.52E-08	2.60E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:34	LWAK	ARV	Sports Lake	5.84E-08	1.77E-10	1.93E-09	1.32E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:35	LWAK	ARV	Holman Creek	2.15E-07	7.31E-10	1.80E-08	9.43E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:36	LWAK	ARV	Rivanna River	5.98E-08	1.93E-10	1.81E-09	2.21E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.74E-06	6.61E-08	3.69E-06	9.60E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:38	LWAK	BRO	McNeely Lake	1.03E-06	6.41E-08	5.67E-09	4.57E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:38	LWAK	BRO	Silver Lake	6.11E-07	4.33E-08	4.33E-08	2.29E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	4.90E-07	7.81E-09	1.17E-07	4.43E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:40	LWAK	CAS	Cascade Creek	1.21E-06	6.47E-09	1.25E-07	1.67E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:41	LWAK	CAS	Smith River	1.77E-07	3.37E-09	3.21E-08	1.01E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:41	LWAK	CAS	Dan River	4.41E-07	3.94E-09	4.11E-08	2.25E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:42	LWAK	COH	Troy Reservoir	7.13E-07	1.40E-09	3.40E-08	2.52E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:43	LWAK	COH	Hudson River	8.10E-07	5.33E-09	1.27E-07	3.10E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:44	LWAK	COH	Mohawk River	9.86E-07	4.60E-09	1.41E-07	4.53E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	1.46E-07	5.47E-10	3.13E-09	4.11E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.11E-07	2.41E-08	1.65E-09	5.91E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	5.98E-09	7.69E-10	4.06E-09	4.44E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:47	LWAK	NOR	Lake Tilley	7.42E-08	3.69E-10	1.66E-09	2.69E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:48	ONCLarge	334	Mississippi River	1.19E-08	1.86E-08	2.78E-10	6.81E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:49	ONCLarge	334	Vermillion River	5.22E-09	1.05E-10	6.72E-09	4.71E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:50	ONCLarge	334	Colby Lake	1.22E-08	1.00E-08	1.44E-10	7.39E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:51	ONCLarge	334	Lake Isabelle	2.17E-08	1.96E-10	1.89E-08	1.09E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:52	ONCLarge	463	Blue River	0.00E+00	6.42E-09	0.00E+00	2.64E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:52	ONCLarge	463	Rock Creek	0.00E+00	8.58E-09	0.00E+00	5.83E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:53	ONCLarge	463	Shoal Creek	0.00E+00	1.81E-09	0.00E+00	1.33E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:54	ONCLarge	463	Missouri River	0.00E+00	2.83E-09	0.00E+00	1.41E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:55	ONCLarge	464	Ottawa River	1.92E-09	1.38E-10	2.37E-09	1.35E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:55	ONCLarge	464	Twin Lakes Reservoir	4.39E-09	1.20E-10	2.70E-09	2.68E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:56	ONCLarge	464	Metzger/Ferguson Reservoir	2.58E-09	1.16E-10	1.67E-09	1.85E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:57	ONCLarge	504	Pennsauken Creek	0.00E+00	5.60E-10	0.00E+00	4.40E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:58	ONCLarge	504	Darby Creek	0.00E+00	3.33E-09	0.00E+00	6.41E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:59	ONCLarge	504	Cooper River Lake	0.00E+00	9.33E-09	0.00E+00	7.74E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 1:59	ONCLarge	504	Schuykill River	0.00E+00	4.57E-09	0.00E+00	1.41E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:00	ONCLarge	600	Lake Jackson	1.19E-06	9.19E-11	2.34E-08	2.27E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:01	ONCLarge	600	Oyster Creek	9.02E-07	8.88E-11	9.02E-07	1.75E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:02	ONCLarge	600	Brazos River	1.25E-06	3.58E-10	3.95E-07	2.54E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:02	ONCLarge	711	Brechtel Lake	2.22E-10	8.25E-10	1.76E-11	1.47E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:03	ONCLarge	711	Mississippi River	4.60E-08	1.78E-10	1.78E-10	8.20E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:04	ONCLarge	806	Wolf Lake	0.00E+00	3.46E-09	0.00E+00	7.45E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:05	ONCLarge	806	Lake George	0.00E+00	3.11E-09	0.00E+00	8.48E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:06	ONCLarge	806	Little Calumet River	0.00E+00	1.42E-09	0.00E+00	4.43E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:06	ONCLarge	806	Grand Calumet River	0.00E+00	1.71E-09	0.00E+00	9.41E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:07	ONCLarge	915	Genesee River	0.00E+00	2.00E-08	0.00E+00	2.17E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:08	ONCLarge	915	Indesquait Bay	0.00E+00	0.00E+00	0.00E+00	3.32E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:09	ONCLarge	915	Highland Reservoir	0.00E+00	6.48E-09	0.00E+00	8.71E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:09	ONCLarge	A32	Armand Bayou	0.00E+00	3.05E-09	0.00E+00	7.38E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:10	ONCLarge	A43	Twelvemile Bayou	0.00E+00	1.16E-09	0.00E+00	3.41E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:11	ONCLarge	A43	Bergholtz Creek	0.00E+00	2.98E-09	0.00E+00	9.76E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:12	ONCLarge	A43	Cayuga Creek	0.00E+00	4.14E-09	0.00E+00	1.31E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:13	ONCLarge	A43	Niagara River	0.00E+00	2.23E-09	0.00E+00	3.92E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:13	ONCLarge	A50	Carpenters Bayou	2.26E-07	4.46E-11	1.02E-08	6.55E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:14	ONCLarge	A50	Highlands Reservoir	1.13E-07	1.59E-11	1.99E-09	2.68E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:15	ONCLarge	A50	Buffalo Bayou	2.03E-07	5.01E-11	1.59E-08	7.00E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:16	ONCLarge	A50	San Jacinto River	1.46E-07	5.05E-09	4.34E-13	1.20E-03			1.80E-04	8.20E-05
11/6/98 2:16	ONCLarge	A62	Caney Creek	0.00E+00	5.11E-09	0.00E+00	4.04E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:17	ONCLarge	A62	E & W Fork, Crystal Cr.	0.00E+00	3.03E-08	0.00E+00	1.07E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:18	ONCLarge	A62	Stewarts Creek	0.00E+00	3.92E-09	0.00E+00	6.26E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:19	ONCLarge	A62	Lewis Creek Reservoir	0.00E+00	1.09E-09	0.00E+00	2.20E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:20	ONCLarge	B20	Cuyahoga River	0.00E+00	5.31E-09	0.00E+00	1.48E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:20	ONCLarge	B20	Upper and Lower Shaker Lake	0.00E+00	2.35E-08	0.00E+00	1.26E-11	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:21	ONCLarge	B20	Euclid Creek	0.00E+00	5.23E-09	0.00E+00	2.57E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:22	ONCLarge	B20	Fairmont Reservoir	0.00E+00	1.87E-08	0.00E+00	1.20E-11	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:23	ONCLarge	HAN	Cabius River	1.03E-08	7.12E-09	1.12E-09	4.80E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:24	ONCLarge	HAN	Spring Lake	1.23E-08	1.88E-09	8.82E-09	5.01E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:24	ONCLarge	HAN	Mississippi River	1.97E-08	6.21E-09	6.04E-08	1.74E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:25	ONCLarge	KIN	North Fork Holston River	7.18E-09	9.59E-09	1.07E-09	5.83E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:26	ONCLarge	KIN	Kingsport Reservoir	4.17E-10	6.71E-08	5.68E-12	1.20E-03			1.80E-04	8.20E-05
11/6/98 2:27	ONCLarge	KIN	South Fork Holston River	3.12E-09	8.80E-09	9.09E-10	3.09E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:27	ONCLarge	KIN	Reedy Creek	6.15E-08	1.40E-08	1.40E-08	8.02E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:28	ONCLarge	MCI	Hals Lake	1.12E-08	8.79E-10	1.66E-08	1.95E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:29	ONCLarge	MCI	Helicat Lake	1.97E-07	8.08E-09	2.10E-07	8.29E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:30	ONCLarge	MCI	Alabama River	5.25E-09	3.65E-10	3.83E-09	8.02E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:31	ONCLarge	MCI	Tombigbee River	1.61E-08	1.36E-09	3.37E-08	2.39E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:31	ONCLarge	MID	Tittabawassee River (plus Sanford Lake)	2.42E-09	8.69E-09	5.17E-10	1.77E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:32	ONCLarge	MID	Sturgeon Creek	1.29E-08	4.21E-09	1.09E-08	6.27E-13	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:33	ONCLarge	MID	Kawkawlin River	2.54E-09	4.61E-09	8.71E-11	1.50E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:34	ONCLarge	MID	Chippewa River (most inclusive data)	1.27E-09	7.33E-09	3.45E-10	1.47E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:35	ONCLarge	STG	Bayou Plaquemine	5.29E-07	3.37E-09	3.27E-08	1.58E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:36	ONCLarge	STG	Manchac Bayou	1.20E-06	2.61E-09	3.66E-08	1.30E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:36	ONCLarge	STG	Bayou Fountain	4.86E-07	3.53E-08	2.71E-09	1.36E-12	1.20E-03		1.80E-04	8.20E-05
11/6/98 2:37	ONCLarge	STG	Mississippi River	1.21E-06	7.21E-09	3.44E-07	3.31E-12	1.20E-03		1.8	

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg2 Watershed Deposition Load (g/m2-yr)	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R,	ideal gas const, m3-atm/mole-K
11/6/98 2:40	OINCSmall	340	5.82E-09	5.98E-09	6.49E-10	2.73E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:40	OINCSmall	340	2.68E-09	1.52E-09	1.51E-12			1.20E-03		1.80E-04		8.20E-05
11/6/98 2:41	OINCSmall	340	3.17E-09	5.86E-09	8.50E-10	2.30E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:42	OINCSmall	342	4.48E-09	5.10E-09	5.10E-09	6.00E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:43	OINCSmall	342	1.31E-09	5.27E-11	1.17E-14			1.20E-03		1.80E-04		8.20E-05
11/6/98 2:44	OINCSmall	342	6.89E-09	5.25E-10	3.38E-09	3.99E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:44	OINCSmall	342	2.78E-09	5.71E-10	2.78E-09	1.90E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:45	OINCSmall	453	5.01E-10	2.15E-10	4.20E-12	1.82E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:46	OINCSmall	453	2.47E-09	1.52E-09	1.57E-10	1.13E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:47	OINCSmall	453	5.50E-10	5.92E-10	4.32E-11	2.72E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:48	OINCSmall	468	1.80E-08	1.35E-12	4.58E-10	3.00E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:49	OINCSmall	468	1.25E-08	5.90E-11	5.18E-13	1.21E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:49	OINCSmall	468	2.23E-08	2.56E-12	2.41E-09	4.32E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:50	OINCSmall	468	5.08E-09	1.38E-12	3.51E-10	5.78E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:51	OINCSmall	701	2.49E-07	1.77E-09	1.10E-06	1.87E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:52	OINCSmall	701	3.19E-07	1.27E-07	4.37E-10	3.55E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:53	OINCSmall	701	2.13E-07	8.53E-10	6.70E-07	9.35E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:54	OINCSmall	704	1.53E-07	3.67E-12	1.88E-09	1.67E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:55	OINCSmall	704	1.29E-06	6.11E-12	3.14E-09	1.39E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:55	OINCSmall	704	4.93E-08	3.06E-12	3.36E-10	5.28E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:56	OINCSmall	708	2.08E-07	5.28E-09	3.91E-13	3.91E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:57	OINCSmall	708	1.80E-06	2.00E-07	1.59E-10	4.03E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:57	OINCSmall	708	8.09E-08	6.56E-12	7.42E-10	1.19E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:58	OINCSmall	725	3.63E-11	1.16E-12	4.22E-11	3.46E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 2:59	OINCSmall	725	5.63E-10	1.55E-12	4.59E-10	1.87E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:00	OINCSmall	725	7.20E-11	5.36E-11	1.13E-12	4.90E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:01	OINCSmall	725	1.84E-11	1.28E-12	1.68E-11	1.45E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:02	OINCSmall	824	8.38E-11	5.48E-11	1.68E-12	1.05E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:02	OINCSmall	824	4.85E-11	1.36E-12	2.35E-11	4.24E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:03	OINCSmall	824	1.12E-10	8.60E-13	6.05E-11	1.26E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:04	OINCSmall	824	1.05E-10	1.25E-12	6.61E-11	1.77E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:05	OINCSmall	904	1.51E-09	5.73E-10	1.07E-09	1.29E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:06	OINCSmall	904	1.76E-09	5.42E-09	1.63E-09	1.39E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:06	OINCSmall	906	0.00E+00	8.71E-10	0.00E+00	5.32E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:07	OINCSmall	906	0.00E+00	2.75E-10	0.00E+00	2.86E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:09	OINCSmall	906	0.00E+00	1.53E-10	0.00E+00	9.93E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:10	OINCSmall	906	0.00E+00	6.80E-10	0.00E+00	2.22E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:11	OINCSmall	A14	4.90E-10	1.11E-11	4.90E-10	4.63E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:12	OINCSmall	A14	3.91E-10	6.48E-14	1.47E-11	5.85E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:13	OINCSmall	A14	3.66E-10	1.45E-11	6.80E-14	6.45E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:14	OINCSmall	A14	1.85E-10	4.60E-12	6.08E-12	3.86E-16		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:15	OINCSmall	A26	1.42E-09	5.85E-10	1.99E-09	9.83E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:16	OINCSmall	A26	5.01E-11	5.35E-11	5.01E-11	5.35E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:17	OINCSmall	A26	1.13E-10	9.00E-10	5.30E-11	3.47E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:18	OINCSmall	A31	2.89E-07	4.03E-08	7.11E-11	5.15E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:19	OINCSmall	A31	1.93E-07	2.48E-11	7.11E-09	3.30E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:20	OINCSmall	A31	8.13E-07	2.02E-07	1.92E-10	2.35E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:21	OINCSmall	A45	1.70E-09	3.08E-11	7.24E-10	2.82E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:22	OINCSmall	A45	4.59E-10	9.25E-12	4.59E-10	7.33E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:23	OINCSmall	A45	1.88E-09	9.98E-10	1.88E-09	3.60E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:24	OINCSmall	A45	3.51E-09	9.55E-11	2.30E-09	7.13E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:25	OINCSmall	A46	0.00E+00	1.09E-09	0.00E+00	4.53E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:27	OINCSmall	A46	0.00E+00	3.51E-09	0.00E+00	1.76E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:28	OINCSmall	A46	0.00E+00	1.80E-09	0.00E+00	6.37E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:29	OINCSmall	A47	6.01E-11	5.67E-11	9.49E-12	4.06E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:30	OINCSmall	A47	1.13E-10	1.03E-10	7.35E-12	5.57E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:31	OINCSmall	A47	1.72E-10	1.72E-10	2.50E-12	9.68E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:32	OINCSmall	A47	1.04E-10	9.34E-11	9.59E-12	1.29E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:33	OINCSmall	A55	1.01E-10	3.21E-11	1.73E-10	8.61E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:33	OINCSmall	A55	8.91E-11	4.61E-11	1.46E-11	4.12E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:34	OINCSmall	A55	3.11E-11	2.43E-11	9.36E-13	1.55E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:35	OINCSmall	A55	5.05E-11	4.36E-11	1.50E-12	1.35E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:36	OINCSmall	B18	2.24E-11	2.46E-10	4.77E-12	6.04E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:37	OINCSmall	B18	2.02E-10	8.37E-11	1.50E-09	3.98E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:38	OINCSmall	B18	3.77E-11	4.12E-10	1.38E-11	9.30E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:38	OINCSmall	B18	2.04E-11	3.40E-12	3.40E-12	3.98E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:39	OINCSmall	B23	1.08E-10	7.10E-12	3.92E-11	1.10E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:40	OINCSmall	B23	1.40E-10	4.91E-11	4.91E-11	1.90E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:41	OINCSmall	B23	1.55E-10	6.68E-12	6.78E-11	1.96E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:42	OINCSmall	B23	3.92E-10	1.91E-10	1.91E-10	4.42E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 19:27	OINCSmall	B31	1.46E-08	6.25E-09	1.03E-10	7.68E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 19:28	OINCSmall	B31	5.67E-09	1.91E-10	1.91E-10	1.37E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 19:29	OINCSmall	B31	2.76E-09	1.16E-10	1.16E-10	8.63E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 19:30	OINCSmall	B31	5.28E-08	9.67E-10	3.06E-10	7.97E-15		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:46	OINCSmall	B32	2.85E-07	8.96E-11	5.23E-08	6.71E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:47	OINCSmall	B32	6.69E-07	9.40E-11	6.69E-07	1.02E-12		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:48	OINCSmall	B32	2.20E-07	5.01E-11	1.41E-08	3.15E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:48	OINCSmall	B37	1.98E-10	7.53E-12	1.18E-10	7.22E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:49	OINCSmall	B37	5.66E-11	4.72E-11	9.33E-13	1.71E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:50	OINCSmall	B37	7.89E-10	9.67E-10	2.22E-11	5.99E-13		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:51	OINCSmall	B37	1.16E-10	4.54E-12	4.54E-12	3.51E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:52	OINCSmall	B44	1.21E-08	1.42E-11	3.97E-09	2.14E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:53	OINCSmall	B44	2.09E-08	3.15E-11	1.25E-08	5.17E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:54	OINCSmall	B44	4.44E-08	2.35E-08	4.06E-11	7.27E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:54	OINCSmall	B44	1.74E-08	7.66E-09	2.77E-11	3.13E-14		1.20E-03		1.80E-04		8.20E-05
11/6/98 3:55	OINCSmall	TOO	2.06E-10	6.63E-09	2.11E-11							

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg2 Watershed Deposition Load (g/m2-yr)	Hg0 Waterbody Deposition Load (g/m2-yr)	Hg2 Waterbody Deposition Load (g/m2-yr)	Waterbody Air Concentration (g/m3)	pa:	air density, g/cm3	ua:	viscosity of air, g/cm-sec	R, ideal gas const, m3-atm/mole-K
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	3.59E-11	1.50E-09	4.44E-12	3.72E-14	1.20E-03		1.80E-04	8.20E-05
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	1.63E-10	2.42E-09	7.37E-12	1.94E-13	1.20E-03		1.80E-04	8.20E-05

Inputs Used for Beyond the Floor Emissions

calculated

Facility	Site	Waterbody	Temperature (K)	Wind Speed (m/s)	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L[water]/L[soil volume])
11/6/98 0.17	CINC	209	2.89E+02	4.13E+00	2.98E+02	1.00E+00	2.40E+01	1.67E+02	1.43E+06	2.30E-01	2.20E-01
11/6/98 0.18	CINC	209	2.89E+02	4.13E+00	2.98E+02	1.00E+00	6.81E+01	4.73E+02	4.05E+06	2.30E-01	2.20E-01
11/6/98 0.19	CINC	209	2.89E+02	4.13E+00	2.98E+02	1.00E+00	2.58E+01	2.49E+02	2.13E+06	2.30E-01	2.20E-01
11/6/98 0.20	CINC	209	2.89E+02	4.13E+00	2.98E+02	1.00E+00	7.78E+00	5.40E+01	4.62E+05	2.30E-01	2.20E-01
11/6/98 0.20	CINC	214	2.93E+02	4.12E+00	2.98E+02	1.00E+00	5.32E+01	2.46E+04	2.99E+06	2.30E-01	2.20E-01
11/6/98 0.21	CINC	214	2.93E+02	4.12E+00	2.98E+02	1.00E+00	2.57E+00	1.44E+01	1.19E+05	2.30E-01	2.20E-01
11/6/98 0.22	CINC	214	2.93E+02	4.12E+00	2.98E+02	1.00E+00	4.49E-01	2.52E+00	2.07E+04	2.30E-01	2.20E-01
11/6/98 0.23	CINC	214	2.93E+02	4.12E+00	2.98E+02	1.00E+00	5.77E+01	3.24E+02	2.67E+06	2.30E-01	2.20E-01
11/6/98 0.24	CINC	221	2.94E+02	4.10E+00	2.98E+02	1.00E+00	1.11E+00	5.21E+00	4.10E+04	2.30E-01	2.20E-01
11/6/98 0.25	CINC	221	2.94E+02	4.10E+00	2.98E+02	1.00E+00	1.13E+00	5.30E+00	4.17E+04	2.30E-01	2.20E-01
11/6/98 0.25	CINC	221	2.94E+02	4.10E+00	2.98E+02	1.00E+00	2.35E+01	1.10E+02	8.69E+05	2.30E-01	2.20E-01
11/6/98 0.26	CINC	324	2.90E+02	3.60E+00	2.98E+02	1.00E+00	6.04E+00	1.83E+02	8.30E+05	2.30E-01	2.20E-01
11/6/98 0.27	CINC	324	2.90E+02	3.60E+00	2.98E+02	1.00E+00	1.94E+02	3.93E+02	2.00E+06	2.30E-01	2.20E-01
11/6/98 0.28	CINC	324	2.90E+02	3.60E+00	2.98E+02	1.00E+00	7.83E+01	1.59E+02	8.09E+05	2.30E-01	2.20E-01
11/6/98 0.28	CINC	324	2.90E+02	3.60E+00	2.98E+02	1.00E+00	7.30E+01	1.48E+02	7.53E+05	2.30E-01	2.20E-01
11/6/98 0.29	CINC	325	2.87E+02	6.17E+00	2.98E+02	1.00E+00	4.47E+00	1.12E+02	1.07E+06	2.30E-01	2.20E-01
11/6/98 0.30	CINC	325	2.87E+02	6.17E+00	2.98E+02	1.00E+00	1.77E+00	4.44E+01	4.26E+05	2.30E-01	2.20E-01
11/6/98 0.31	CINC	325	2.87E+02	6.17E+00	2.98E+02	1.00E+00	1.39E+00	3.46E+01	3.33E+05	2.30E-01	2.20E-01
11/6/98 0.31	CINC	325	2.87E+02	6.17E+00	2.98E+02	1.00E+00	4.04E+01	1.01E+03	9.70E+06	2.30E-01	2.20E-01
11/6/98 0.32	CINC	331	2.83E+02	5.10E+00	2.98E+02	1.00E+00	2.47E+01	3.30E+02	3.05E+06	2.30E-01	2.20E-01
11/6/98 0.33	CINC	331	2.83E+02	5.10E+00	2.98E+02	1.00E+00	1.94E+01	2.58E+02	2.39E+06	2.30E-01	2.20E-01
11/6/98 0.34	CINC	331	2.83E+02	5.10E+00	2.98E+02	1.00E+00	6.28E-03	8.38E-02	7.75E-02	2.30E-01	2.20E-01
11/6/98 0.35	CINC	331	2.83E+02	5.10E+00	2.98E+02	1.00E+00	2.32E+00	3.09E+01	2.86E+05	2.30E-01	2.20E-01
11/6/98 0.35	CINC	359	2.87E+02	4.13E+00	2.98E+02	1.00E+00	5.99E+01	4.67E+02	4.16E+06	2.30E-01	2.20E-01
11/6/98 0.36	CINC	359	2.87E+02	4.13E+00	2.98E+02	1.00E+00	1.26E+01	1.16E+02	1.03E+06	2.30E-01	2.20E-01
11/6/98 0.37	CINC	359	2.87E+02	4.13E+00	2.98E+02	1.00E+00	1.23E+01	1.13E+02	1.01E+06	2.30E-01	2.20E-01
11/6/98 0.38	CINC	359	2.87E+02	4.13E+00	2.98E+02	1.00E+00	5.51E+01	5.06E+02	4.51E+06	2.30E-01	2.20E-01
11/6/98 0.39	CINC	A15	2.82E+02	6.18E+00	2.98E+02	1.00E+00	6.29E+01	4.37E+02	3.74E+06	2.30E-01	2.20E-01
11/6/98 0.39	CINC	A15	2.82E+02	6.18E+00	2.98E+02	1.00E+00	1.54E+01	1.07E+02	9.15E+05	2.30E-01	2.20E-01
11/6/98 0.40	CINC	A15	2.82E+02	6.18E+00	2.98E+02	1.00E+00	3.87E+01	2.69E+02	2.30E+06	2.30E-01	2.20E-01
11/6/98 0.41	CINC	A18	2.94E+02	4.60E+00	2.98E+02	1.00E+00	1.94E+00	3.88E+02	3.86E+06	2.30E-01	2.20E-01
11/6/98 0.42	CINC	A18	2.94E+02	4.60E+00	2.98E+02	1.00E+00	1.09E+00	2.17E+02	2.16E+06	2.30E-01	2.20E-01
11/6/98 0.43	CINC	A18	2.94E+02	4.60E+00	2.98E+02	1.00E+00	1.82E+02	3.63E+04	3.62E+04	2.30E-01	2.20E-01
11/6/98 0.43	CINC	CAL	2.85E+02	4.63E+00	2.98E+02	1.00E+00	5.81E+01	5.33E+02	4.75E+06	2.30E-01	2.20E-01
11/6/98 0.44	CINC	CAL	2.85E+02	4.63E+00	2.98E+02	1.00E+00	1.58E+01	1.45E+02	1.29E+06	2.30E-01	2.20E-01
11/6/98 0.45	CINC	CAL	2.85E+02	4.63E+00	2.98E+02	1.00E+00	1.15E+01	1.05E+02	9.20E+05	2.30E-01	2.20E-01
11/6/98 0.46	CINC	CAL	2.85E+02	4.63E+00	2.98E+02	1.00E+00	3.38E+01	3.10E+02	2.79E+06	2.30E-01	2.20E-01
11/6/98 0.46	CINC	ELD	2.92E+02	4.61E+00	2.98E+02	1.00E+00	1.35E+01	9.37E+01	8.02E+05	2.30E-01	2.20E-01
11/6/98 0.47	CINC	ELD	2.92E+02	4.61E+00	2.98E+02	1.00E+00	6.79E+00	4.72E+01	4.04E+05	2.30E-01	2.20E-01
11/6/98 0.48	CINC	ELD	2.92E+02	4.61E+00	2.98E+02	1.00E+00	6.95E+00	4.82E+01	4.13E+05	2.30E-01	2.20E-01
11/6/98 0.49	CINC	ELD	2.92E+02	4.61E+00	2.98E+02	1.00E+00	5.16E+01	3.58E+02	3.06E+06	2.30E-01	2.20E-01
11/6/98 0.49	CINC	SAU	2.86E+02	5.12E+00	2.98E+02	1.00E+00	1.25E+01	2.37E+01	1.12E+05	2.30E-01	2.20E-01
11/6/98 0.50	CINC	SAU	2.86E+02	5.12E+00	2.98E+02	1.00E+00	2.45E+00	2.45E+04	2.30E+04	2.30E-01	2.20E-01
11/6/98 0.51	CINC	SAU	2.86E+02	5.12E+00	2.98E+02	1.00E+00	5.78E+02	1.10E+03	5.21E+06	2.30E-01	2.20E-01
11/6/98 0.53	CK	202	2.87E+02	6.10E+00	2.98E+02	1.00E+00	7.27E+00	9.70E+01	8.97E+05	2.30E-01	2.20E-01
11/6/98 0.54	CK	202	2.87E+02	6.10E+00	2.98E+02	1.00E+00	9.85E-01	1.31E+01	1.21E+05	2.30E-01	2.20E-01
11/6/98 0.55	CK	202	2.87E+02	6.10E+00	2.98E+02	1.00E+00	6.73E+01	8.98E+02	8.31E+06	2.30E-01	2.20E-01
11/6/98 0.56	CK	203	2.92E+02	3.60E+00	2.98E+02	1.00E+00	1.41E+00	2.82E+02	2.80E+06	2.30E-01	2.20E-01
11/6/98 0.57	CK	203	2.92E+02	3.60E+00	2.98E+02	1.00E+00	6.31E+01	1.25E+06	1.25E+06	2.30E-01	2.20E-01
11/6/98 0.58	CK	203	2.92E+02	3.60E+00	2.98E+02	1.00E+00	1.81E-01	3.62E+01	3.60E+05	2.30E-01	2.20E-01
11/6/98 0.59	CK	203	2.92E+02	3.60E+00	2.98E+02	1.00E+00	3.77E-01	7.53E+01	7.49E+05	2.30E-01	2.20E-01
11/6/98 1.00	CK	204	2.81E+02	5.12E+00	2.98E+02	1.00E+00	4.80E+00	1.23E+02	1.18E+06	2.30E-01	2.20E-01
11/6/98 1.01	CK	204	2.81E+02	5.12E+00	2.98E+02	1.00E+00	8.83E-01	2.26E+01	2.18E+05	2.30E-01	2.20E-01
11/6/98 1.02	CK	204	2.81E+02	5.12E+00	2.98E+02	1.00E+00	2.04E+01	5.23E+00	5.03E+04	2.30E-01	2.20E-01
11/6/98 1.03	CK	204	2.81E+02	5.12E+00	2.98E+02	1.00E+00	3.61E+01	9.20E+02	8.90E+06	2.30E-01	2.20E-01
11/6/98 1.04	CK	302	2.83E+02	5.60E+00	2.98E+02	1.00E+00	1.99E+01	4.98E+02	4.78E+06	2.30E-01	2.20E-01
11/6/98 1.05	CK	302	2.83E+02	5.60E+00	2.98E+02	1.00E+00	2.61E+01	6.53E+02	6.27E+06	2.30E-01	2.20E-01
11/6/98 1.06	CK	302	2.83E+02	5.60E+00	2.98E+02	1.00E+00	2.61E+00	6.53E+01	6.27E+05	2.30E-01	2.20E-01
11/6/98 1.07	CK	304	2.85E+02	4.63E+00	2.98E+02	1.00E+00	3.15E+01	4.19E+02	3.88E+06	2.30E-01	2.20E-01
11/6/98 1.08	CK	304	2.85E+02	4.63E+00	2.98E+02	1.00E+00	3.02E+00	4.03E+01	3.72E+05	2.30E-01	2.20E-01
11/6/98 1.08	CK	304	2.85E+02	4.63E+00	2.98E+02	1.00E+00	1.68E+01	2.24E+02	2.07E+06	2.30E-01	2.20E-01
11/6/98 1.09	CK	320	2.79E+02	4.10E+00	2.98E+02	1.00E+00	1.35E+01	8.44E+01	7.09E+05	2.30E-01	2.20E-01
11/6/98 1.10	CK	320	2.79E+02	4.10E+00	2.98E+02	1.00E+00	5.69E+01	3.56E+02	2.99E+06	2.30E-01	2.20E-01
11/6/98 1.11	CK	320	2.79E+02	4.10E+00	2.98E+02	1.00E+00	9.76E+00	6.10E+01	5.12E+05	2.30E-01	2.20E-01
11/6/98 1.11	CK	321	2.91E+02	3.58E+00	2.98E+02	1.00E+00	3.14E+01	4.25E+02	3.93E+06	2.30E-01	2.20E-01
11/6/98 1.12	CK	321	2.91E+02	3.58E+00	2.98E+02	1.00E+00	1.01E+01	1.37E+02	1.26E+06	2.30E-01	2.20E-01
11/6/98 1.13	CK	321	2.91E+02	3.58E+00	2.98E+02	1.00E+00	3.14E+01	4.25E+02	3.93E+06	2.30E-01	2.20E-01
11/6/98 1.14	CK	321	2.91E+02	3.58E+00	2.98E+02	1.00E+00	2.91E+02	8.97E+01	6.86E+04	2.30E-01	2.20E-01
11/6/98 1.15	CK	BAT	2.84E+02	5.10E+00	2.98E+02	1.00E+00	4.88E+00	1.22E+02	1.17E+06	2.30E-01	2.20E-01
11/6/98 1.15	CK	BAT	2.84E+02	5.10E+00	2.98E+02	1.00E+00	3.27E+01	8.19E+02	7.86E+06	2.30E-01	2.20E-01
11/6/98 1.16	CK	CHA	2.86E+02	5.14E+00	2.98E+02	1.00E+00	1.45E-01	1.33E+00	1.19E+04	2.30E-01	2.20E-01
11/6/98 1.17	CK	CHA	2.86E+02	5.14E+00	2.98E+02	1.00E+00	1.04E+00	9.53E+00	8.50E+04	2.30E-01	2.20E-01
11/6/98 1.18	CK	CHA	2.86E+02	5.14E+00	2.98E+02	1.00E+00	9.85E+01	9.04E+02	8.05E+06	2.30E-01	2.20E-01
11/6/98 1.19	CK	FOR	2.55E+02	4.61E+00	2.98E+02	1.00E+00	1.38E+01	3.44E+02	3.31E+06	2.30E-01	2.20E-01
11/6/98 1.19	CK	FOR	2.55E+02	4.61E+00	2.98E+02	1.00E+00	1.75E+00	4.38E+01	4.21E+05	2.30E-01	2.20E-01
11/6/98 1.20	CK	FOR	2.55E+02	4.61E+00	2.98E+02	1.00E+00	2.41E-01	6.02E+00	5.78E+04	2.30E-01	2.20E-01
11/6/98 1.21	CK	FRE	2.87E+02	6.18E+00	2.98E+02	1.00E+00	1.95E+00	4.88E+01	4.68E+05	2.30E-01	2.20E-01
11/6/98 1.21	CK	FRE	2.87E+02	6.18E+00	2.98E+02	1.00E+00	1.92E+01	4.80E+02	4.61E+06	2.30E-01	2.20E-01
11/6/98 1.22	CK	FRE	2.87E+02	6.18E+00	2.98E+02	1.00E+00	1				

Inputs Used for Beyond the Floor Emissions

calculated

Facility	Site	Waterbody	Temperature (K)	Wind Speed (m/s)	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L[water]/L[soil volume])
11/6/98 1:29	CK	TEX	2.92E+02	5.66E+00	2.98E+02	1.00E+00	6.09E+00	1.52E+02	1.46E+06	2.30E-01	2.20E-01
11/6/98 1:30	CK	WAM	2.84E+02	5.13E+00	2.98E+02	1.00E+00	5.26E+01	2.94E+02	2.41E+06	2.30E-01	2.20E-01
11/6/98 1:31	CK	WAM	2.84E+02	5.13E+00	2.98E+02	1.00E+00	5.35E-01	2.99E+00	2.45E+04	2.30E-01	2.20E-01
11/6/98 1:31	CK	WAM	2.84E+02	5.13E+00	2.98E+02	1.00E+00	9.08E+01	5.07E+02	4.16E+06	2.30E-01	2.20E-01
11/6/98 1:32	CK	WAM	2.94E+02	5.13E+00	2.98E+02	1.00E+00	2.61E+02	1.46E+02	1.23E+06	2.30E-01	2.20E-01
11/6/98 1:34	LWAK	ARV	2.88E+02	3.60E+00	2.98E+02	1.00E+00	3.81E+01	9.52E+02	9.14E+06	2.30E-01	2.20E-01
11/6/98 1:34	LWAK	ARV	2.88E+02	3.60E+00	2.98E+02	1.00E+00	2.98E+00	5.70E+01	5.47E+05	2.30E-01	2.20E-01
11/6/98 1:35	LWAK	ARV	2.88E+02	3.60E+00	2.98E+02	1.00E+00	4.92E-01	1.23E+01	1.18E+05	2.30E-01	2.20E-01
11/6/98 1:36	LWAK	ARV	2.88E+02	3.60E+00	2.98E+02	1.00E+00	8.75E+00	2.19E+02	2.10E+06	2.30E-01	2.20E-01
11/6/98 1:37	LWAK	BRO	2.89E+02	5.60E+00	2.98E+02	1.00E+00	3.03E+00	2.10E+01	1.80E+05	2.30E-01	2.20E-01
11/6/98 1:38	LWAK	BRO	2.89E+02	5.60E+00	2.98E+02	1.00E+00	1.88E+00	1.31E+01	1.12E+05	2.30E-01	2.20E-01
11/6/98 1:38	LWAK	BRO	2.89E+02	5.60E+00	2.98E+02	1.00E+00	2.14E+02	2.14E+02	1.47E+03	2.30E-01	2.20E-01
11/6/98 1:39	LWAK	BRO	2.89E+02	5.60E+00	2.98E+02	1.00E+00	1.11E+02	7.74E+02	6.62E+06	2.30E-01	2.20E-01
11/6/98 1:40	LWAK	CAS	2.82E+02	5.14E+00	2.98E+02	1.00E+00	7.86E+00	1.05E+02	9.70E+05	2.30E-01	2.20E-01
11/6/98 1:41	LWAK	CAS	2.82E+02	5.14E+00	2.98E+02	1.00E+00	1.83E+01	2.44E+02	2.26E+06	2.30E-01	2.20E-01
11/6/98 1:41	LWAK	CAS	2.82E+02	5.14E+00	2.98E+02	1.00E+00	4.61E-01	6.15E+00	5.69E+04	2.30E-01	2.20E-01
11/6/98 1:42	LWAK	COH	2.87E+02	3.60E+00	2.98E+02	1.00E+00	1.12E+00	2.46E+00	1.33E+04	2.30E-01	2.20E-01
11/6/98 1:43	LWAK	COH	2.87E+02	3.60E+00	2.98E+02	1.00E+00	3.87E+02	8.47E+02	4.60E+06	2.30E-01	2.20E-01
11/6/98 1:44	LWAK	COH	2.87E+02	3.60E+00	2.98E+02	1.00E+00	1.21E+02	2.64E+02	1.43E+06	2.30E-01	2.20E-01
11/6/98 1:45	LWAK	COH	2.87E+02	3.60E+00	2.98E+02	1.00E+00	3.61E+01	7.90E+01	4.29E+05	2.30E-01	2.20E-01
11/6/98 1:45	LWAK	NOR	2.89E+02	4.10E+00	2.98E+02	1.00E+00	4.35E+00	8.71E+02	8.66E+06	2.30E-01	2.20E-01
11/6/98 1:46	LWAK	NOR	2.89E+02	4.10E+00	2.98E+02	1.00E+00	1.56E-01	3.13E+01	3.11E+05	2.30E-01	2.20E-01
11/6/98 1:47	LWAK	NOR	2.89E+02	4.10E+00	2.98E+02	1.00E+00	1.02E+00	2.03E+02	2.02E+06	2.30E-01	2.20E-01
11/6/98 1:48	ONCLarge	334	2.80E+02	6.20E+00	2.98E+02	1.00E+00	3.28E+01	8.41E+02	8.08E+06	2.30E-01	2.20E-01
11/6/98 1:49	ONCLarge	334	2.80E+02	6.20E+00	2.98E+02	1.00E+00	1.56E+01	4.01E+02	3.85E+06	2.30E-01	2.20E-01
11/6/98 1:50	ONCLarge	334	2.80E+02	6.20E+00	2.98E+02	1.00E+00	1.75E-02	4.49E-01	4.32E+03	2.30E-01	2.20E-01
11/6/98 1:51	ONCLarge	334	2.80E+02	6.20E+00	2.98E+02	1.00E+00	5.31E-02	1.36E+00	1.31E+04	2.30E-01	2.20E-01
11/6/98 1:52	ONCLarge	463	2.85E+02	5.70E+00	2.98E+02	1.00E+00	1.06E+02	2.16E+02	1.10E+06	2.30E-01	2.20E-01
11/6/98 1:52	ONCLarge	463	2.85E+02	5.70E+00	2.98E+02	1.00E+00	1.16E+01	2.36E+01	1.20E+05	2.30E-01	2.20E-01
11/6/98 1:53	ONCLarge	463	2.85E+02	5.70E+00	2.98E+02	1.00E+00	8.20E+01	1.67E+02	8.50E+05	2.30E-01	2.20E-01
11/6/98 1:54	ONCLarge	463	2.85E+02	5.70E+00	2.98E+02	1.00E+00	4.29E+02	8.73E+02	4.44E+06	2.30E-01	2.20E-01
11/6/98 1:55	ONCLarge	464	2.84E+02	5.13E+00	2.98E+02	1.00E+00	1.46E+02	3.77E+02	2.31E+06	2.30E-01	2.20E-01
11/6/98 1:55	ONCLarge	464	2.84E+02	5.13E+00	2.98E+02	1.00E+00	1.65E-01	4.25E-01	2.61E+03	2.30E-01	2.20E-01
11/6/98 1:56	ONCLarge	464	2.84E+02	5.13E+00	2.98E+02	1.00E+00	7.12E-01	1.84E+00	1.13E+04	2.30E-01	2.20E-01
11/6/98 1:57	ONCLarge	504	2.86E+02	4.63E+00	2.98E+02	1.00E+00	2.00E+01	4.07E+01	2.07E+05	2.30E-01	2.20E-01
11/6/98 1:58	ONCLarge	504	2.86E+02	4.63E+00	2.98E+02	1.00E+00	8.64E+01	1.76E+02	9.98E+05	2.30E-01	2.20E-01
11/6/98 1:59	ONCLarge	504	2.86E+02	4.63E+00	2.98E+02	1.00E+00	2.49E+01	5.06E+01	2.59E+05	2.30E-01	2.20E-01
11/6/98 1:59	ONCLarge	504	2.86E+02	4.63E+00	2.98E+02	1.00E+00	8.79E+01	1.79E+02	9.11E+05	2.30E-01	2.20E-01
11/6/98 2:00	ONCLarge	600	2.95E+02	6.20E+00	2.98E+02	1.00E+00	3.98E-01	2.23E+00	1.83E+04	2.30E-01	2.20E-01
11/6/98 2:01	ONCLarge	600	2.95E+02	6.20E+00	2.98E+02	1.00E+00	1.03E+01	5.75E+01	4.72E+05	2.30E-01	2.20E-01
11/6/98 2:02	ONCLarge	600	2.95E+02	6.20E+00	2.98E+02	1.00E+00	1.77E+01	9.90E+01	8.13E+05	2.30E-01	2.20E-01
11/6/98 2:02	ONCLarge	711	2.94E+02	4.13E+00	2.98E+02	1.00E+00	4.96E-02	6.71E-01	6.21E+03	2.30E-01	2.20E-01
11/6/98 2:03	ONCLarge	711	2.94E+02	4.13E+00	2.98E+02	1.00E+00	2.94E+02	5.67E+02	7.09E+05	2.30E-01	2.20E-01
11/6/98 2:04	ONCLarge	806	2.83E+02	4.61E+00	2.98E+02	1.00E+00	7.62E+00	1.21E+01	4.48E+04	2.30E-01	2.20E-01
11/6/98 2:05	ONCLarge	806	2.83E+02	4.61E+00	2.98E+02	1.00E+00	1.02E+00	1.63E+00	6.02E+03	2.30E-01	2.20E-01
11/6/98 2:06	ONCLarge	806	2.83E+02	4.61E+00	2.98E+02	1.00E+00	3.34E+02	5.29E+02	1.96E+06	2.30E-01	2.20E-01
11/6/98 2:06	ONCLarge	806	2.83E+02	4.61E+00	2.98E+02	1.00E+00	6.13E+01	9.73E+01	3.60E+05	2.30E-01	2.20E-01
11/6/98 2:07	ONCLarge	915	2.82E+02	5.66E+00	2.98E+02	1.00E+00	2.00E+02	3.00E+02	1.01E+06	2.30E-01	2.20E-01
11/6/98 2:08	ONCLarge	915	2.82E+02	5.66E+00	2.98E+02	1.00E+00	1.67E+02	2.67E+02	8.42E+05	2.30E-01	2.20E-01
11/6/98 2:09	ONCLarge	915	2.82E+02	5.66E+00	2.98E+02	1.00E+00	1.52E+02	2.29E+02	7.65E+01	2.30E-01	2.20E-01
11/6/98 2:09	ONCLarge	A32	2.94E+02	4.10E+00	2.98E+02	1.00E+00	1.38E+01	1.28E+02	1.14E+06	2.30E-01	2.20E-01
11/6/98 2:10	ONCLarge	A43	2.82E+02	6.17E+00	2.98E+02	1.00E+00	3.89E+01	6.93E+01	3.05E+05	2.30E-01	2.20E-01
11/6/98 2:11	ONCLarge	A43	2.82E+02	6.17E+00	2.98E+02	1.00E+00	2.96E+01	4.75E+01	2.09E+05	2.30E-01	2.20E-01
11/6/98 2:12	ONCLarge	A43	2.82E+02	6.17E+00	2.98E+02	1.00E+00	2.07E+01	3.70E+01	1.63E+05	2.30E-01	2.20E-01
11/6/98 2:13	ONCLarge	A43	2.82E+02	6.17E+00	2.98E+02	1.00E+00	4.11E+02	7.34E+02	3.22E+06	2.30E-01	2.20E-01
11/6/98 2:13	ONCLarge	A50	2.94E+02	4.13E+00	2.98E+02	1.00E+00	8.35E+00	5.84E+01	5.00E+05	2.30E-01	2.20E-01
11/6/98 2:14	ONCLarge	A50	2.94E+02	4.13E+00	2.98E+02	1.00E+00	7.45E-01	5.21E+00	4.47E+04	2.30E-01	2.20E-01
11/6/98 2:15	ONCLarge	A50	2.94E+02	4.13E+00	2.98E+02	1.00E+00	3.11E+01	2.18E+02	1.87E+06	2.30E-01	2.20E-01
11/6/98 2:16	ONCLarge	A50	2.94E+02	4.13E+00	2.98E+02	1.00E+00	1.27E+01	8.89E+01	7.62E+05	2.30E-01	2.20E-01
11/6/98 2:16	ONCLarge	A62	2.94E+02	4.12E+00	2.98E+02	1.00E+00	2.82E+01	1.96E+02	1.67E+06	2.30E-01	2.20E-01
11/6/98 2:17	ONCLarge	A62	2.94E+02	4.12E+00	2.98E+02	1.00E+00	1.41E+01	9.77E+01	8.39E+05	2.30E-01	2.20E-01
11/6/98 2:18	ONCLarge	A62	2.94E+02	4.12E+00	2.98E+02	1.00E+00	8.11E+00	5.63E+01	4.82E+05	2.30E-01	2.20E-01
11/6/98 2:19	ONCLarge	A62	2.94E+02	4.12E+00	2.98E+02	1.00E+00	1.42E+00	9.84E+00	8.42E+04	2.30E-01	2.20E-01
11/6/98 2:20	ONCLarge	B20	2.83E+02	5.12E+00	2.98E+02	1.00E+00	1.61E+02	3.82E+02	2.22E+06	2.30E-01	2.20E-01
11/6/98 2:20	ONCLarge	B20	2.83E+02	5.12E+00	2.98E+02	1.00E+00	5.35E+00	1.27E+01	7.39E+04	2.30E-01	2.20E-01
11/6/98 2:21	ONCLarge	B20	2.83E+02	5.12E+00	2.98E+02	1.00E+00	2.27E+01	5.40E+01	3.13E+05	2.30E-01	2.20E-01
11/6/98 2:22	ONCLarge	B20	2.83E+02	5.12E+00	2.98E+02	1.00E+00	1.36E-01	3.24E-01	1.88E+03	2.30E-01	2.20E-01
11/6/98 2:23	ONCLarge	HAN	2.87E+02	5.10E+00	2.98E+02	1.00E+00	2.16E+02	2.32E+02	2.31E+06	2.30E-01	2.20E-01
11/6/98 2:24	ONCLarge	HAN	2.87E+02	5.10E+00	2.98E+02	1.00E+00	1.00E+03	2.01E+01	2.00E+03	2.30E-01	2.20E-01
11/6/98 2:24	ONCLarge	HAN	2.87E+02	5.10E+00	2.98E+02	1.00E+00	4.34E+00	8.67E+02	8.63E+06	2.30E-01	2.20E-01
11/6/98 2:25	ONCLarge	KIN	2.87E+02	4.10E+00	2.98E+02	1.00E+00	1.11E+02	3.16E+02	2.05E+06	2.30E-01	2.20E-01
11/6/98 2:26	ONCLarge	KIN	2.87E+02	4.10E+00	2.98E+02	1.00E+00	4.73E-01	1.34E+00	8.71E+03	2.30E-01	2.20E-01
11/6/98 2:27	ONCLarge	KIN	2.87E+02	4.10E+00	2.98E+02	1.00E+00	1.68E+02	4.76E+02	3.09E+06	2.30E-01	2.20E-01
11/6/98 2:28	ONCLarge	KIN	2.87E+02	4.10E+00	2.98E+02	1.00E+00	4.14E+01	1.17E+02	7.61E+05	2.30E-01	2.20E-01
11/6/98 2:28	ONCLarge	MCI	2.93E+02	4.61E+00	2.98E+02	1.00E+00	5.15E+00	1.32E+02	1.27E+06	2.30E-01	2.20E-01
11/6/98 2:29	ONCLarge	MCI	2.93E+02	4.61E+00	2.98E+02	1.00E+00	3.27E-01	8.38E+00	8.06E+04	2.30E-01	2.20E-01
11/6/98 2:30	ONCLarge	MCI	2.93E+02	4.61E+00	2.98E+02	1.00E+00	8.35E+00	2.14E+02	2.06E+06	2.30E-01	2.20E-01
11/6/98 2:31	ONCLarge	MCI	2.93E+02	4.61E+00	2.98E+02	1.00E+00	2.86E+01	7.33E+02	7.04E+06	2.30E-01	2.20E-01
11/6/98 2:31											

Inputs Used for Beyond the Floor Emissions

calculated

Facility	Site	Waterbody	Temperature (K)	Wind Speed (m/s)	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L(water)/L(soil volume))
11/6/98 2:40	OINCSmal	340	2.86E+02	3.60E+00	2.98E+02	1.00E+00	4.17E+00	5.63E+01	5.22E+05	2.30E-01	2.20E-01
11/6/98 2:40	OINCSmal	340	2.86E+02	3.60E+00	2.98E+02	1.00E+00	2.01E+01	2.72E+02	2.52E+06	2.30E-01	2.20E-01
11/6/98 2:41	OINCSmal	340	2.86E+02	3.60E+00	2.98E+02	1.00E+00	8.00E+01	1.08E+03	1.00E+07	2.30E-01	2.20E-01
11/6/98 2:42	OINCSmal	342	2.82E+02	5.66E+00	2.98E+02	1.00E+00	2.54E+02	5.16E+02	2.62E+06	2.30E-01	2.20E-01
11/6/98 2:43	OINCSmal	342	2.82E+02	5.66E+00	2.98E+02	1.00E+00	4.25E+00	6.64E+00	4.39E+04	2.30E-01	2.20E-01
11/6/98 2:44	OINCSmal	342	2.82E+02	5.66E+00	2.98E+02	1.00E+00	7.08E+01	1.44E+02	7.31E+05	2.30E-01	2.20E-01
11/6/98 2:44	OINCSmal	342	2.82E+02	5.66E+00	2.98E+02	1.00E+00	2.07E+02	4.20E+02	2.14E+06	2.30E-01	2.20E-01
11/6/98 2:45	OINCSmal	453	2.90E+02	4.61E+00	2.98E+02	1.00E+00	1.53E+01	2.91E+01	1.38E+05	2.30E-01	2.20E-01
11/6/98 2:46	OINCSmal	453	2.90E+02	4.61E+00	2.98E+02	1.00E+00	1.55E+01	2.94E+01	1.39E+05	2.30E-01	2.20E-01
11/6/98 2:47	OINCSmal	453	2.90E+02	4.61E+00	2.98E+02	1.00E+00	1.48E+02	2.82E+02	1.34E+06	2.30E-01	2.20E-01
11/6/98 2:48	OINCSmal	468	2.86E+02	4.63E+00	2.98E+02	1.00E+00	8.51E+01	1.62E+02	7.67E+05	2.30E-01	2.20E-01
11/6/98 2:49	OINCSmal	468	2.86E+02	4.63E+00	2.98E+02	1.00E+00	4.10E+01	7.80E+01	3.69E+05	2.30E-01	2.20E-01
11/6/98 2:49	OINCSmal	468	2.86E+02	4.63E+00	2.98E+02	1.00E+00	3.10E+02	5.88E+02	2.79E+06	2.30E-01	2.20E-01
11/6/98 2:50	OINCSmal	468	2.86E+02	4.63E+00	2.98E+02	1.00E+00	1.23E+01	2.34E+01	1.11E+05	2.30E-01	2.20E-01
11/6/98 2:51	OINCSmal	701	2.85E+02	4.63E+00	2.98E+02	1.00E+00	3.96E+00	7.93E+02	7.89E+06	2.30E-01	2.20E-01
11/6/98 2:52	OINCSmal	701	2.85E+02	4.63E+00	2.98E+02	1.00E+00	2.33E-01	4.67E+01	4.64E+05	2.30E-01	2.20E-01
11/6/98 2:53	OINCSmal	701	2.85E+02	4.63E+00	2.98E+02	1.00E+00	1.84E+00	3.66E+02	3.66E+06	2.30E-01	2.20E-01
11/6/98 2:53	OINCSmal	704	2.90E+02	4.13E+00	2.98E+02	1.00E+00	8.19E-02	1.17E-01	3.51E+02	2.30E-01	2.20E-01
11/6/98 2:54	OINCSmal	704	2.90E+02	4.13E+00	2.98E+02	1.00E+00	9.90E-02	1.36E-01	4.07E+02	2.30E-01	2.20E-01
11/6/98 2:55	OINCSmal	704	2.90E+02	4.13E+00	2.98E+02	1.00E+00	8.68E-01	1.24E+00	3.72E+03	2.30E-01	2.20E-01
11/6/98 2:56	OINCSmal	708	2.89E+02	4.10E+00	2.98E+02	1.00E+00	2.29E+01	2.10E+02	1.87E+06	2.30E-01	2.20E-01
11/6/98 2:57	OINCSmal	708	2.89E+02	4.10E+00	2.98E+02	1.00E+00	2.92E+00	2.68E+01	2.39E+05	2.30E-01	2.20E-01
11/6/98 2:57	OINCSmal	708	2.89E+02	4.10E+00	2.98E+02	1.00E+00	2.42E+01	2.22E+02	1.98E+06	2.30E-01	2.20E-01
11/6/98 3:03	OINCSmal	725	2.86E+02	6.20E+00	2.98E+02	1.00E+00	7.50E-01	1.79E+00	1.04E+04	2.30E-01	2.20E-01
11/6/98 2:59	OINCSmal	725	2.86E+02	6.20E+00	2.98E+02	1.00E+00	6.81E-02	1.57E-01	9.13E+02	2.30E-01	2.20E-01
11/6/98 3:00	OINCSmal	725	2.86E+02	6.20E+00	2.98E+02	1.00E+00	1.48E-02	3.52E-02	2.04E+02	2.30E-01	2.20E-01
11/6/98 3:01	OINCSmal	725	2.86E+02	6.20E+00	2.98E+02	1.00E+00	3.08E-01	7.33E-01	4.25E+03	2.30E-01	2.20E-01
11/6/98 3:02	OINCSmal	824	2.86E+02	4.63E+00	2.98E+02	1.00E+00	4.19E+00	1.19E+01	7.71E+04	2.30E-01	2.20E-01
11/6/98 3:02	OINCSmal	824	2.86E+02	4.63E+00	2.98E+02	1.00E+00	4.73E+01	1.34E+02	8.71E+05	2.30E-01	2.20E-01
11/6/98 3:03	OINCSmal	824	2.86E+02	4.63E+00	2.98E+02	1.00E+00	5.01E+01	1.42E+02	9.22E+05	2.30E-01	2.20E-01
11/6/98 3:04	OINCSmal	824	2.86E+02	4.63E+00	2.98E+02	1.00E+00	3.25E+01	5.99E+05	9.24E+01	2.30E-01	2.20E-01
11/6/98 3:05	OINCSmal	904	2.93E+02	4.60E+00	2.98E+02	1.00E+00	1.05E+01	4.93E+01	3.88E+05	2.30E-01	2.20E-01
11/6/98 3:06	OINCSmal	904	2.93E+02	4.60E+00	2.98E+02	1.00E+00	3.96E+01	1.86E+02	1.46E+06	2.30E-01	2.20E-01
11/6/98 3:06	OINCSmal	906	2.83E+02	5.70E+00	2.98E+02	1.00E+00	2.10E+01	5.40E+02	5.19E+06	2.30E-01	2.20E-01
11/6/98 3:07	OINCSmal	906	2.83E+02	5.70E+00	2.98E+02	1.00E+00	3.85E+00	9.87E+01	9.48E+05	2.30E-01	2.20E-01
11/6/98 3:09	OINCSmal	906	2.83E+02	5.70E+00	2.98E+02	1.00E+00	3.65E+00	9.36E+01	8.99E+05	2.30E-01	2.20E-01
11/6/98 3:10	OINCSmal	906	2.83E+02	5.70E+00	2.98E+02	1.00E+00	5.78E+00	1.42E+02	1.42E+06	2.30E-01	2.20E-01
11/6/98 3:11	OINCSmal	A14	2.93E+02	4.10E+00	2.98E+02	1.00E+00	1.60E+01	1.26E+02	2.00E+06	2.30E-01	2.20E-01
11/6/98 3:12	OINCSmal	A14	2.93E+02	4.10E+00	2.98E+02	1.00E+00	9.91E+00	1.34E+02	1.24E+06	2.30E-01	2.20E-01
11/6/98 3:13	OINCSmal	A14	2.93E+02	4.10E+00	2.98E+02	1.00E+00	5.33E+00	7.21E+01	6.67E+05	2.30E-01	2.20E-01
11/6/98 3:14	OINCSmal	A14	2.93E+02	4.10E+00	2.98E+02	1.00E+00	2.61E-01	3.53E+00	3.26E+04	2.30E-01	2.20E-01
11/6/98 3:15	OINCSmal	A26	2.87E+02	5.10E+00	2.98E+02	1.00E+00	2.34E-01	4.67E+01	4.65E+05	2.30E-01	2.20E-01
11/6/98 3:16	OINCSmal	A26	2.87E+02	5.10E+00	2.98E+02	1.00E+00	2.87E+02	5.17E+02	1.03E+06	2.30E-01	2.20E-01
11/6/98 3:17	OINCSmal	A26	2.87E+02	5.10E+00	2.98E+02	1.00E+00	8.21E-01	1.64E+02	1.63E+06	2.30E-01	2.20E-01
11/6/98 3:18	OINCSmal	A31	2.88E+02	3.58E+00	2.98E+02	1.00E+00	3.53E+01	4.70E+02	4.35E+06	2.30E-01	2.20E-01
11/6/98 3:19	OINCSmal	A31	2.88E+02	3.58E+00	2.98E+02	1.00E+00	4.50E+01	5.99E+02	5.54E+06	2.30E-01	2.20E-01
11/6/98 3:20	OINCSmal	A31	2.88E+02	3.58E+00	2.98E+02	1.00E+00	5.66E+00	7.54E+01	6.98E+05	2.30E-01	2.20E-01
11/6/98 3:21	OINCSmal	A45	2.94E+02	4.10E+00	2.98E+02	1.00E+00	1.50E+00	5.30E+00	3.80E+04	2.30E-01	2.20E-01
11/6/98 3:22	OINCSmal	A45	2.94E+02	4.10E+00	2.98E+02	1.00E+00	1.47E+00	5.47E+00	3.74E+04	2.30E-01	2.20E-01
11/6/98 3:23	OINCSmal	A45	2.94E+02	4.10E+00	2.98E+02	1.00E+00	2.77E+01	9.97E+01	7.02E+05	2.30E-01	2.20E-01
11/6/98 3:24	OINCSmal	A45	2.94E+02	4.10E+00	2.98E+02	1.00E+00	1.10E+02	3.87E+02	2.77E+06	2.30E-01	2.20E-01
11/6/98 3:25	OINCSmal	A46	2.86E+02	3.60E+00	2.98E+02	1.00E+00	1.92E+00	1.92E+02	3.84E+02	2.30E-01	2.20E-01
11/6/98 3:27	OINCSmal	A46	2.86E+02	3.60E+00	2.98E+02	1.00E+00	1.75E+00	1.75E+02	3.49E+02	2.30E-01	2.20E-01
11/6/98 3:28	OINCSmal	A46	2.86E+02	3.60E+00	2.98E+02	1.00E+00	2.40E+00	4.80E+02	4.77E+06	2.30E-01	2.20E-01
11/6/98 3:29	OINCSmal	A47	2.89E+02	5.60E+00	2.98E+02	1.00E+00	1.04E+02	7.21E+02	6.17E+06	2.30E-01	2.20E-01
11/6/98 3:30	OINCSmal	A47	2.89E+02	5.60E+00	2.98E+02	1.00E+00	4.66E+01	3.23E+02	2.77E+06	2.30E-01	2.20E-01
11/6/98 3:31	OINCSmal	A47	2.89E+02	5.60E+00	2.98E+02	1.00E+00	7.09E-01	4.92E+00	4.22E+04	2.30E-01	2.20E-01
11/6/98 3:32	OINCSmal	A47	2.89E+02	5.60E+00	2.98E+02	1.00E+00	4.47E+00	3.10E+01	2.65E+05	2.30E-01	2.20E-01
11/6/98 3:33	OINCSmal	A55	2.82E+02	5.14E+00	2.98E+02	1.00E+00	7.94E+01	7.29E+02	6.49E+06	2.30E-01	2.20E-01
11/6/98 3:33	OINCSmal	A55	2.82E+02	5.14E+00	2.98E+02	1.00E+00	1.62E+01	1.49E+02	1.33E+06	2.30E-01	2.20E-01
11/6/98 3:34	OINCSmal	A55	2.82E+02	5.14E+00	2.98E+02	1.00E+00	2.98E+00	2.73E+01	2.43E+05	2.30E-01	2.20E-01
11/6/98 3:35	OINCSmal	A55	2.82E+02	5.14E+00	2.98E+02	1.00E+00	2.63E+01	2.42E+02	2.15E+06	2.30E-01	2.20E-01
11/6/98 3:36	OINCSmal	B18	2.93E+02	4.10E+00	2.98E+02	1.00E+00	4.61E+01	3.20E+02	2.74E+06	2.30E-01	2.20E-01
11/6/98 3:37	OINCSmal	B18	2.93E+02	4.10E+00	2.98E+02	1.00E+00	7.00E+00	4.86E+01	4.16E+05	2.30E-01	2.20E-01
11/6/98 3:38	OINCSmal	B18	2.93E+02	4.10E+00	2.98E+02	1.00E+00	1.58E+01	1.10E+02	9.39E+05	2.30E-01	2.20E-01
11/6/98 3:38	OINCSmal	B18	2.93E+02	4.10E+00	2.98E+02	1.00E+00	3.90E+01	2.71E+02	2.32E+06	2.30E-01	2.20E-01
11/6/98 3:39	OINCSmal	B23	2.94E+02	4.60E+00	2.98E+02	1.00E+00	3.28E+01	1.16E+02	8.30E+05	2.30E-01	2.20E-01
11/6/98 3:40	OINCSmal	B23	2.94E+02	4.60E+00	2.98E+02	1.00E+00	2.89E+02	5.09E+02	7.32E+05	2.30E-01	2.20E-01
11/6/98 3:41	OINCSmal	B23	2.94E+02	4.60E+00	2.98E+02	1.00E+00	2.81E+01	9.92E+01	7.11E+05	2.30E-01	2.20E-01
11/6/98 3:42	OINCSmal	B23	2.94E+02	4.60E+00	2.98E+02	1.00E+00	2.11E-01	7.45E-01	5.35E+03	2.30E-01	2.20E-01
11/6/98 19:27	OINCSmal	B31	2.84E+02	5.15E+00	2.98E+02	1.00E+00	4.40E+01	1.56E+02	1.12E+06	2.30E-01	2.20E-01
11/6/98 19:28	OINCSmal	B31	2.84E+02	5.15E+00	2.98E+02	1.00E+00	4.58E+01	1.62E+02	1.16E+06	2.30E-01	2.20E-01
11/6/98 19:29	OINCSmal	B31	2.84E+02	5.15E+00	2.98E+02	1.00E+00	4.94E+00	1.75E+01	1.25E+05	2.30E-01	2.20E-01
11/6/98 19:30	OINCSmal	B31	2.84E+02	5.15E+00	2.98E+02	1.00E+00	2.07E+02	3.95E+02	5.24E+06	2.30E-01	2.20E-01
11/6/98 3:46	OINCSmal	B32	2.94E+02	4.13E+00	2.98E+02	1.00E+00	7.58E+01	2.39E+02	1.63E+06	2.30E-01	2.20E-01
11/6/98 3:47	OINCSmal	B32	2.94E+02	4.13E+00	2.98E+02	1.00E+00	4.32E+00	1.36E+01	9.31E+04	2.30E-01	2.20E-01
11/6/98 3:48	OINCSmal	B32	2.94E+02	4.13E+00	2.98E+02	1.00E+00	2.12E+01	6.70E+01	4.58E+05	2.30E-01	2.20E-01
11/6/98 3:48	OINCSmal	B37	2.87E+02	5.10E+00	2.98E+02	1.00E+00	1.52E+02	4.31E+02			

Inputs Used for Beyond the Floor Emissions

calculated

Facility	Site	Waterbody	Temperature (K)	Wind Speed (m/s)	Assumed Water Temperature (K)	Soil Thickness (cm)	Watershed Area Impervious to fallout, km2	Area, Including impervious area km2	Soil Volume (m3)	Fraction Void Space	Soil Water content (L[water]/L[soil volume])
11/6/98 3:57	OINCSmall	TOO	2.84E+02	4.62E+00	2.98E+02	1.00E+00	1.94E-01	1.08E+00	8.88E+03	2.30E-01	2.20E-01
11/6/98 3:58	OINCSmall	TOO	2.84E+02	4.62E+00	2.98E+02	1.00E+00	6.91E+00	3.86E+01	3.17E+05	2.30E-01	2.20E-01

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk density (kg/soil particles/Lsoil volume)	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (Lwater/Lsediment volume)	
11/6/98 0.17	CINC	209	Lawsans Fork Creek	1.50E+00	2.44E-01	0.00E+00	2.71E-01	3.94E+05	1.07E+05	3.00E-02	3.94E+05	1.18E+04	6.20E-01
11/6/98 0.18	CINC	209	Tyger River	1.50E+00	4.02E-01	0.00E+00	3.84E-01	1.79E+06	6.89E+05	3.00E-02	1.79E+06	5.38E+04	6.20E-01
11/6/98 0.19	CINC	209	Fair Forest Creek	1.50E+00	2.96E-01	0.00E+00	2.01E-01	3.00E+05	6.04E+04	3.00E-02	3.00E+05	9.01E+03	6.20E-01
11/6/98 0.20	CINC	209	Middle Tyger River	1.50E+00	3.38E-01	0.00E+00	2.23E-01	2.06E+05	4.58E+04	3.00E-02	2.06E+05	6.17E+03	6.20E-01
11/6/98 0.20	CINC	214	Fish Ponds	1.50E+00	NA	1.00E+00	4.00E+00	2.99E+06	1.20E+07	3.00E-02	2.99E+06	8.97E+04	6.20E-01
11/6/98 0.21	CINC	214	Lake Clause	1.50E+00	NA	1.00E+00	4.00E+00	2.11E+05	8.44E+05	3.00E-02	2.11E+05	6.33E+03	6.20E-01
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	1.50E+00	NA	1.00E+00	4.00E+00	8.95E+05	3.58E+06	3.00E-02	8.95E+05	2.68E+04	6.20E-01
11/6/98 0.23	CINC	214	Comite River	1.50E+00	4.91E-01	0.00E+00	3.47E-01	4.24E+05	1.47E+05	3.00E-02	4.24E+05	1.27E+04	6.20E-01
11/6/98 0.24	CINC	221	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.56E+06	3.00E-02	1.89E+06	5.67E+04	6.20E-01
11/6/98 0.25	CINC	221	Sheldon Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	2.12E+07	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	1.50E+00	5.61E-01	0.00E+00	3.51E-01	1.71E+07	5.99E+06	3.00E-02	1.71E+07	5.12E+05	6.20E-01
11/6/98 0.26	CINC	324	Shades Creek	1.50E+00	4.02E-01	0.00E+00	2.13E-01	4.90E+05	1.04E+05	3.00E-02	4.90E+05	1.47E+04	6.20E-01
11/6/98 0.27	CINC	324	Valley Creek	1.50E+00	4.66E-01	0.00E+00	4.39E-01	9.98E+05	4.21E+05	3.00E-02	9.98E+05	2.87E+04	6.20E-01
11/6/98 0.28	CINC	324	Bayview Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.67E+06	6.67E+06	3.00E-02	1.67E+06	5.00E+04	6.20E-01
11/6/98 0.28	CINC	324	Cahaba River	1.50E+00	4.21E-01	0.00E+00	4.60E-01	7.28E+05	3.35E+05	3.00E-02	7.28E+05	2.18E+04	6.20E-01
11/6/98 0.29	CINC	325	Big Hill Creek	1.50E+00	1.68E-01	0.00E+00	6.10E-02	1.71E+05	1.04E+04	3.00E-02	1.71E+05	5.14E+03	6.20E-01
11/6/98 0.30	CINC	325	Plato Creek	1.50E+00	1.13E-01	0.00E+00	2.40E-02	1.55E+04	3.72E+02	3.00E-02	1.55E+04	4.65E+02	6.20E-01
11/6/98 0.31	CINC	325	Claymore Creek	1.50E+00	5.58E-01	0.00E+00	3.26E-01	1.65E+05	5.39E+04	3.00E-02	1.65E+05	4.95E+03	6.20E-01
11/6/98 0.31	CINC	325	Verdigris River	1.50E+00	6.37E-01	0.00E+00	1.89E-01	2.09E+06	3.95E+05	3.00E-02	2.09E+06	6.26E+04	6.20E-01
11/6/98 0.32	CINC	331	Rocky River	1.50E+00	6.40E-01	0.00E+00	5.40E-01	1.10E+06	5.92E+05	3.00E-02	1.10E+06	3.29E+04	6.20E-01
11/6/98 0.33	CINC	331	East Branch Black River	1.50E+00	6.10E-01	0.00E+00	4.70E-01	5.19E+05	2.44E+05	3.00E-02	5.19E+05	1.56E+04	6.20E-01
11/6/98 0.34	CINC	331	Wyleswood Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.69E+04	1.88E+05	3.00E-02	4.69E+04	1.41E+03	6.20E-01
11/6/98 0.35	CINC	331	Baldwin Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.26E+05	5.06E+05	3.00E-02	1.26E+05	3.79E+03	6.20E-01
11/6/98 0.35	CINC	359	Kentucky River	1.50E+00	8.96E-01	0.00E+00	9.57E-01	2.51E+06	2.49E+06	3.00E-02	2.51E+06	7.52E+04	6.20E-01
11/6/98 0.36	CINC	359	Indian Creek	1.50E+00	3.78E-01	0.00E+00	7.90E-02	1.05E+05	8.32E+03	3.00E-02	1.05E+05	3.16E+03	6.20E-01
11/6/98 0.37	CINC	359	Indian Kentuck Creek	1.50E+00	1.98E-01	0.00E+00	1.37E-01	1.08E+05	1.48E+04	3.00E-02	1.08E+05	3.24E+03	6.20E-01
11/6/98 0.38	CINC	359	Ohio River	1.50E+00	1.17E+00	0.00E+00	5.17E+00	1.99E+07	1.03E+08	3.00E-02	1.99E+07	5.98E+05	6.20E-01
11/6/98 0.39	CINC	A15	Tonawanda Creek	1.50E+00	4.60E-01	0.00E+00	3.11E-01	1.65E+06	5.13E+05	3.00E-02	1.65E+06	4.95E+04	6.20E-01
11/6/98 0.39	CINC	A15	Murder Creek	1.50E+00	2.01E-01	0.00E+00	5.79E-02	9.71E+04	5.62E+03	3.00E-02	9.71E+04	2.91E+03	6.20E-01
11/6/98 0.40	CINC	A15	Ellicott Creek	1.50E+00	3.60E-01	0.00E+00	2.07E-01	5.74E+05	1.19E+05	3.00E-02	5.74E+05	1.72E+04	6.20E-01
11/6/98 0.41	CINC	A18	Taylor Bayou	1.50E+00	6.10E-01	0.00E+00	4.70E-01	1.93E+05	1.93E+05	3.00E-02	4.10E+05	1.23E+04	6.20E-01
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	1.50E+00	4.60E-01	0.00E+00	1.80E-01	1.21E+05	2.17E+04	3.00E-02	1.21E+05	3.62E+03	6.20E-01
11/6/98 0.43	CINC	A18	Viterbo Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	6.36E+05	2.54E+06	3.00E-02	6.36E+05	1.91E+04	6.20E-01
11/6/98 0.43	CINC	CAL	Tennessee River	1.50E+00	1.58E+00	0.00E+00	1.81E+00	6.13E+06	1.11E+07	3.00E-02	6.13E+06	1.84E+05	6.20E-01
11/6/98 0.44	CINC	CAL	Kentucky Lake	1.50E+00	NA	1.00E+00	4.00E+00	5.59E+07	2.24E+08	3.00E-02	5.59E+07	1.68E+06	6.20E-01
11/6/98 0.45	CINC	CAL	Barkley Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.54E+07	1.42E+08	3.00E-02	3.54E+07	1.05E+06	6.20E-01
11/6/98 0.46	CINC	CAL	Cumberland River	1.50E+00	1.27E+00	0.00E+00	9.36E-01	6.69E+06	6.69E+06	3.00E-02	6.69E+06	2.01E+05	6.20E-01
11/6/98 0.46	CINC	ELD	Flat Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.53E+05	5.21E+04	3.00E-02	1.53E+05	4.59E+03	6.20E-01
11/6/98 0.47	CINC	ELD	Salt Creek	1.50E+00	5.50E-01	0.00E+00	1.68E-01	1.46E+05	2.44E+04	3.00E-02	1.46E+05	4.37E+03	6.20E-01
11/6/98 0.48	CINC	ELD	Calton Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.95E+06	7.78E+06	3.00E-02	1.95E+06	5.84E+04	6.20E-01
11/6/98 0.49	CINC	ELD	Ouachita River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.09E+06	3.09E+06	3.00E-02	1.87E+06	5.62E+04	6.20E-01
11/6/98 0.49	CINC	SAU	Horseshoe Lake	1.50E+00	NA	1.00E+00	4.00E+00	9.06E+06	3.62E+07	3.00E-02	9.06E+06	2.72E+05	6.20E-01
11/6/98 0.50	CINC	SAU	Old Catokas Creek	1.50E+00	4.90E-01	0.00E+00	1.80E-01	2.25E+06	3.05E+03	3.00E-02	2.25E+06	6.75E+02	6.20E-01
11/6/98 0.51	CK	202	Mississippi River	1.50E+00	1.74E+00	0.00E+00	1.19E+01	2.62E+07	3.13E+08	3.00E-02	2.62E+07	7.86E+05	6.20E-01
11/6/98 0.53	CK	202	Elk City Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.28E+07	5.13E+07	3.00E-02	1.28E+07	3.85E+05	6.20E-01
11/6/98 0.54	CK	202	Montgomery County State Park Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.58E+05	1.43E+06	3.00E-02	3.58E+05	1.08E+04	6.20E-01
11/6/98 0.55	CK	202	Verdigris River	1.50E+00	8.20E-01	0.00E+00	1.25E+00	3.27E+06	4.09E+06	3.00E-02	3.27E+06	9.82E+04	6.20E-01
11/6/98 0.56	CK	203	Catalpa Creek	1.50E+00	5.96E-01	0.00E+00	4.05E-01	5.19E+05	2.10E+05	3.00E-02	5.19E+05	1.56E+04	6.20E-01
11/6/98 0.57	CK	203	Gilmer Creek	1.50E+00	4.45E-01	0.00E+00	1.71E-01	1.24E+06	1.24E+06	3.00E-02	1.24E+06	3.51E+03	6.20E-01
11/6/98 0.58	CK	203	N. Branch Magallowh Creek	1.50E+00	5.58E-01	0.00E+00	3.26E-01	1.61E+05	5.26E+04	3.00E-02	1.61E+05	4.84E+03	6.20E-01
11/6/98 0.59	CK	203	Shotsbag Creek	1.50E+00	5.58E-01	0.00E+00	3.26E-01	1.78E+05	5.82E+04	3.00E-02	1.78E+05	5.35E+03	6.20E-01
11/6/98 1.00	CK	204	Bay Creek	1.50E+00	5.80E-01	0.00E+00	4.00E-01	2.73E+05	1.09E+05	3.00E-02	2.73E+05	8.19E+03	6.20E-01
11/6/98 1.01	CK	204	Little Calumet Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	8.87E+04	3.01E+04	3.00E-02	8.87E+04	2.66E+03	6.20E-01
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.58E+05	1.83E+06	3.00E-02	4.58E+05	1.37E+04	6.20E-01
11/6/98 1.03	CK	204	Mississippi River	1.50E+00	1.46E+00	0.00E+00	6.62E+00	1.52E+07	1.04E+08	3.00E-02	1.52E+07	4.56E+05	6.20E-01
11/6/98 1.04	CK	302	Musumee River	1.50E+00	7.90E-01	0.00E+00	1.11E+00	2.99E+06	3.32E+06	3.00E-02	2.99E+06	8.97E+04	6.20E-01
11/6/98 1.05	CK	302	Auglaize River	1.50E+00	8.20E-01	0.00E+00	1.25E+00	1.04E+06	1.30E+06	3.00E-02	1.04E+06	3.12E+04	6.20E-01
11/6/98 1.06	CK	302	Six Mile Creek	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.99E+05	6.77E+04	3.00E-02	1.99E+05	5.98E+03	6.20E-01
11/6/98 1.07	CK	304	Big Walnut Creek	1.50E+00	3.96E-01	0.00E+00	1.34E-01	2.60E+06	3.49E+05	3.00E-02	2.60E+06	7.80E+04	6.20E-01
11/6/98 1.08	CK	304	Glenn Flint Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.31E+06	5.26E+06	3.00E-02	1.31E+06	3.94E+04	6.20E-01
11/6/98 1.08	CK	304	Deer Creek	1.50E+00	2.90E-01	0.00E+00	1.01E-01	1.89E+06	1.89E+06	3.00E-02	1.89E+06	5.57E+04	6.20E-01
11/6/98 1.09	CK	320	Mud Devils Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.87E+06	1.55E+07	3.00E-02	3.87E+06	1.16E+05	6.20E-01
11/6/98 1.10	CK	320	Thunder Bay River	1.50E+00	4.97E-01	0.00E+00	4.69E-01	6.05E+06	2.84E+06	3.00E-02	6.05E+06	1.82E+05	6.20E-01
11/6/98 1.11	CK	320	Long Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.90E+07	7.59E+07	3.00E-02	1.90E+07	5.69E+05	6.20E-01
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	1.50E+00	9.40E-01	0.00E+00	2.04E+00	3.32E+06	6.77E+06	3.00E-02	3.32E+06	9.96E+04	6.20E-01
11/6/98 1.12	CK	321	Powell Creek	1.50E+00	7.00E-01	0.00E+00	6.70E-01	2.92E+05	1.96E+05	3.00E-02	2.92E+05	8.77E+03	6.20E-01
11/6/98 1.13	CK	321	Lake Demopolis	1.50E+00	NA	1.00E+00	4.00E+00	4.28E+07	1.71E+08	3.00E-02	4.28E+07	1.28E+06	6.20E-01
11/6/98 1.14	CK	321	Lake Henry	1.50E+00	NA	1.00E+00	4.00E+00	1.23E+05	4.81E+05	3.00E-02	1.23E+05	3.81E+03	6.20E-01
11/6/98 1.15	CK	BAT	Monocacy Creek	1.50E+00	5.40E-01	0.00E+00	2.90E-01	3.21E+05	3.21E+05	3.00E-02	1.11E+06	3.32E+04	6.20E-01
11/6/98 1.15	CK	BAT	Lehigh River	1.50E+00	8.38E-01								

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk density (kg/soil particles/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m ²)	Waterbody Volume (m ³)	Sediment Depth (m)	Sediment Area (m ²)	Sediment Volume (m ³)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 1:29	CK	TEX	Waxahachie Creek	1.50E+00	1.13E-01	0.00E+00	1.01E-01	1.02E+05	1.03E+04	3.00E-02	1.02E+05	3.06E+03	6.20E-01
11/6/98 1:30	CK	WAM	Connoquenessing Creek	1.50E+00	7.09E-01	0.00E+00	7.16E-01	7.06E+05	5.06E+05	3.00E-02	7.06E+05	2.12E+04	6.20E-01
11/6/98 1:31	CK	WAM	Hereford Manor Lake	1.50E+00	n/a	1.00E+00	4.00E+00	1.88E+05	7.54E+05	3.00E-02	1.88E+05	5.65E+03	6.20E-01
11/6/98 1:31	CK	WAM	Beaver River	1.50E+00	7.92E-01	0.00E+00	1.37E+00	1.16E+06	1.59E+06	3.00E-02	1.16E+06	3.47E+04	6.20E-01
11/6/98 1:32	CK	WAM	Slippery Rock Creek	1.50E+00	6.52E-01	0.00E+00	1.14E+00	1.84E+06	2.10E+06	3.00E-02	1.84E+06	5.52E+04	6.20E-01
11/6/98 1:34	LWAK	ARV	James River	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.43E+06	5.66E+06	3.00E-02	3.43E+06	1.03E+05	6.20E-01
11/6/98 1:34	LWAK	ARV	Sports Lake	1.50E+00	NA	1.00E+00	4.00E+00	2.76E+05	1.10E+06	3.00E-02	2.76E+05	8.28E+03	6.20E-01
11/6/98 1:35	LWAK	ARV	Holman Creek	1.50E+00	4.60E-01	0.00E+00	1.80E-01	3.68E+04	6.62E+03	3.00E-02	3.68E+04	1.10E+03	6.20E-01
11/6/98 1:36	LWAK	ARV	Rivanna River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.30E+06	8.74E+05	3.00E-02	1.30E+06	3.91E+04	6.20E-01
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.71E+04	1.03E+04	3.00E-02	5.71E+04	1.71E+03	6.20E-01
11/6/98 1:38	LWAK	BRO	McHenry Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.11E+05	1.25E+06	3.00E-02	3.11E+05	9.34E+03	6.20E-01
11/6/98 1:38	LWAK	BRO	Silver Lake	1.50E+00	NA	1.00E+00	4.00E+00	5.12E+04	2.59E+05	3.00E-02	5.12E+04	1.54E+03	6.20E-01
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	1.50E+00	7.90E-01	0.00E+00	1.11E+00	3.51E+06	3.89E+06	3.00E-02	3.51E+06	1.05E+05	6.20E-01
11/6/98 1:40	LWAK	CAS	Cascade Creek	1.50E+00	5.60E-01	0.00E+00	7.25E-01	4.14E+05	3.00E+05	3.00E-02	4.14E+05	1.24E+04	6.20E-01
11/6/98 1:41	LWAK	CAS	Smith River	1.50E+00	4.11E-01	0.00E+00	5.27E-01	1.44E+06	7.58E+05	3.00E-02	1.44E+06	4.32E+04	6.20E-01
11/6/98 1:41	LWAK	CAS	Dan River	1.50E+00	5.21E-01	0.00E+00	3.30E-01	4.69E+06	1.55E+06	3.00E-02	4.69E+06	1.41E+05	6.20E-01
11/6/98 1:42	LWAK	COH	Troy Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.78E+05	7.11E+05	3.00E-02	1.78E+05	5.33E+03	6.20E-01
11/6/98 1:43	LWAK	COH	Hudson River	1.50E+00	9.69E-01	0.00E+00	1.59E+00	1.27E+07	2.03E+07	3.00E-02	1.27E+07	3.82E+05	6.20E-01
11/6/98 1:44	LWAK	COH	Mohawk River	1.50E+00	7.50E-01	0.00E+00	6.00E-01	1.61E+07	9.66E+06	3.00E-02	1.61E+07	4.83E+05	6.20E-01
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	7.03E+06	2.81E+07	3.00E-02	7.03E+06	2.11E+05	6.20E-01
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.50E+00	7.60E-01	0.00E+00	9.60E-01	1.96E+06	1.88E+06	3.00E-02	1.96E+06	5.89E+04	6.20E-01
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	1.50E+00	NA	1.00E+00	4.00E+00	5.99E+05	2.39E+06	3.00E-02	5.99E+05	1.80E+04	6.20E-01
11/6/98 1:47	LWAK	NOR	Lake Tilley	1.50E+00	NA	1.00E+00	4.00E+00	1.88E+07	7.50E+07	3.00E-02	1.88E+07	5.63E+05	6.20E-01
11/6/98 1:48	ONCLarge	334	Mississippi River	1.01E+00	1.01E+00	0.00E+00	1.71E+00	2.92E+07	5.00E+07	3.00E-02	2.92E+07	8.76E+05	6.20E-01
11/6/98 1:49	ONCLarge	334	Vermillion River	1.50E+00	2.74E-01	0.00E+00	2.50E-01	1.68E+06	4.21E+05	3.00E-02	1.68E+06	5.05E+04	6.20E-01
11/6/98 1:50	ONCLarge	334	Colby Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.49E+05	1.80E+06	3.00E-02	4.49E+05	1.35E+04	6.20E-01
11/6/98 1:51	ONCLarge	334	Lake Isabelle	1.50E+00	NA	1.00E+00	4.00E+00	3.32E+05	1.33E+06	3.00E-02	3.32E+05	9.97E+03	6.20E-01
11/6/98 1:52	ONCLarge	463	Blue River	1.50E+00	2.74E-01	0.00E+00	5.36E-01	5.52E+05	2.96E+05	3.00E-02	5.52E+05	1.66E+04	6.20E-01
11/6/98 1:52	ONCLarge	463	Rock Creek	1.50E+00	4.60E-01	0.00E+00	1.70E-01	5.89E+04	1.00E+04	3.00E-02	5.89E+04	1.77E+03	6.20E-01
11/6/98 1:53	ONCLarge	463	Shoal Creek	1.50E+00	7.00E-02	0.00E+00	1.37E-01	8.92E+04	1.22E+04	3.00E-02	8.92E+04	2.68E+03	6.20E-01
11/6/98 1:54	ONCLarge	463	Missouri River	1.50E+00	1.05E+00	0.00E+00	1.94E+00	2.12E+07	2.12E+07	3.00E-02	2.12E+07	3.29E+05	6.20E-01
11/6/98 1:55	ONCLarge	464	Ottawa River	1.50E+00	3.72E-01	0.00E+00	1.48E+00	1.27E+06	1.87E+06	3.00E-02	1.27E+06	3.80E+04	6.20E-01
11/6/98 1:55	ONCLarge	464	Twin Lakes Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	5.33E+04	2.13E+05	3.00E-02	5.33E+04	1.60E+03	6.20E-01
11/6/98 1:56	ONCLarge	464	Metzger/Ferguson Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.84E+06	7.36E+06	3.00E-02	1.84E+06	5.52E+04	6.20E-01
11/6/98 1:57	ONCLarge	504	Pennsauken Creek	1.50E+00	2.07E-01	0.00E+00	2.29E-01	9.73E+04	2.23E+04	3.00E-02	9.73E+04	2.92E+03	6.20E-01
11/6/98 1:58	ONCLarge	504	Darby Creek	1.50E+00	2.90E-01	0.00E+00	1.59E-01	1.78E+05	2.78E+04	3.00E-02	1.78E+05	5.29E+03	6.20E-01
11/6/98 1:59	ONCLarge	504	Cooper River Lake	1.50E+00	NA	1.00E+00	4.00E+00	4.40E+05	1.75E+06	3.00E-02	4.40E+05	1.32E+04	6.20E-01
11/6/98 2:00	ONCLarge	504	Schuykill River	1.50E+00	7.66E-01	0.00E+00	5.79E-01	7.43E+05	4.30E+05	3.00E-02	7.43E+05	2.23E+04	6.20E-01
11/6/98 2:00	ONCLarge	600	Lake Jackson	1.50E+00	NA	1.00E+00	4.00E+00	1.64E+06	6.54E+06	3.00E-02	1.64E+06	4.91E+04	6.20E-01
11/6/98 2:01	ONCLarge	600	Oyster Creek	1.50E+00	4.75E-01	0.00E+00	2.62E-01	1.11E+06	2.90E+05	3.00E-02	1.11E+06	3.32E+04	6.20E-01
11/6/98 2:02	ONCLarge	600	Brazos River	1.50E+00	7.83E-01	0.00E+00	1.66E+00	4.86E+06	8.08E+06	3.00E-02	4.86E+06	1.46E+05	6.20E-01
11/6/98 2:02	ONCLarge	711	Brechtel Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.41E+05	5.64E+05	3.00E-02	1.41E+05	4.23E+03	6.20E-01
11/6/98 2:03	ONCLarge	711	Mississippi River	1.50E+00	2.23E+00	0.00E+00	1.69E+00	6.93E+08	6.93E+08	3.00E-02	6.93E+08	2.37E+07	6.20E-01
11/6/98 2:04	ONCLarge	806	Wolf Lake	1.50E+00	NA	1.00E+00	4.00E+00	3.51E+06	1.40E+07	3.00E-02	3.51E+06	1.05E+05	6.20E-01
11/6/98 2:05	ONCLarge	806	Lake George	1.50E+00	NA	1.00E+00	4.00E+00	5.29E+05	2.12E+06	3.00E-02	5.29E+05	1.59E+04	6.20E-01
11/6/98 2:06	ONCLarge	806	Little Calumet River	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.61E+05	1.91E+05	3.00E-02	5.61E+05	1.68E+04	6.20E-01
11/6/98 2:06	ONCLarge	806	Grand Calumet River	1.50E+00	4.90E-01	0.00E+00	2.30E-01	1.75E+05	4.02E+04	3.00E-02	1.75E+05	5.24E+03	6.20E-01
11/6/98 2:07	ONCLarge	915	Genesee River	1.50E+00	7.32E-01	0.00E+00	5.12E-01	1.08E+06	5.55E+05	3.00E-02	1.08E+06	3.25E+04	6.20E-01
11/6/98 2:08	ONCLarge	915	Iroquois Bay	1.50E+00	NA	1.00E+00	4.00E+00	6.89E+06	2.95E+07	3.00E-02	6.89E+06	2.06E+05	6.20E-01
11/6/98 2:09	ONCLarge	915	Highland Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	2.29E+04	9.14E+04	3.00E-02	2.29E+04	6.86E+02	6.20E-01
11/6/98 2:09	ONCLarge	A32	Armand Bayou	1.50E+00	3.20E-01	0.00E+00	1.65E-01	8.10E+04	1.34E+04	3.00E-02	8.10E+04	2.43E+03	6.20E-01
11/6/98 2:10	ONCLarge	A43	Twelvemile Creek	1.50E+00	2.13E-01	0.00E+00	9.10E-02	7.23E+04	6.58E+03	3.00E-02	7.23E+04	2.17E+03	6.20E-01
11/6/98 2:11	ONCLarge	A43	Bergholtz Creek	1.50E+00	4.58E-01	0.00E+00	1.71E-01	7.57E+04	1.29E+04	3.00E-02	7.57E+04	2.27E+03	6.20E-01
11/6/98 2:12	ONCLarge	A43	Cayuga Creek	1.50E+00	3.87E-01	0.00E+00	2.50E-01	1.37E+05	3.41E+04	3.00E-02	1.37E+05	4.10E+03	6.20E-01
11/6/98 2:13	ONCLarge	A43	Niagara River	1.50E+00	7.71E-01	0.00E+00	8.75E-01	2.17E+06	1.90E+06	3.00E-02	2.17E+06	6.51E+04	6.20E-01
11/6/98 2:13	ONCLarge	A50	Carpenters Bayou	1.50E+00	2.74E-01	0.00E+00	1.43E-01	1.44E+05	2.06E+04	3.00E-02	1.44E+05	4.32E+03	6.20E-01
11/6/98 2:14	ONCLarge	A50	Highlands Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.58E+06	3.00E-02	1.89E+06	5.67E+04	6.20E-01
11/6/98 2:15	ONCLarge	A50	Buffalo Bayou	1.50E+00	6.46E-01	0.00E+00	1.20E+00	1.84E+06	2.20E+06	3.00E-02	1.84E+06	5.53E+04	6.20E-01
11/6/98 2:16	ONCLarge	A50	San Jacinto River	1.50E+00	5.61E-01	0.00E+00	3.51E-01	7.56E+05	2.65E+05	3.00E-02	7.56E+05	2.27E+04	6.20E-01
11/6/98 2:16	ONCLarge	A62	Caney Creek	1.50E+00	2.65E-01	0.00E+00	1.40E-01	3.95E+05	5.54E+04	3.00E-02	3.95E+05	1.19E+04	6.20E-01
11/6/98 2:17	ONCLarge	A62	E & W Fork, Crystal Cr.	1.50E+00	7.90E-01	0.00E+00	3.75E-01	3.41E+05	1.28E+05	3.00E-02	3.41E+05	1.02E+04	6.20E-01
11/6/98 2:18	ONCLarge	A62	Stewarts Creek	1.50E+00	2.16E-01	0.00E+00	9.45E-02	1.05E+05	9.87E+03	3.00E-02	1.05E+05	3.14E+03	6.20E-01
11/6/98 2:19	ONCLarge	A62	Lewis Creek Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	1.75E+06	7.01E+06	3.00E-02	1.75E+06	5.26E+04	6.20E-01
11/6/98 2:20	ONCLarge	B20	Cuyahoga River	1.50E+00	7.30E-01	0.00E+00	8.20E-01	8.47E+05	6.95E+05	3.00E-02	8.47E+05	2.54E+04	6.20E-01
11/6/98 2:20	ONCLarge	B20	Upper and Lower Shaker Lake	1.50E+00	NA	1.00E+00	4.00E+00	9.43E+04	3.77E+05	3.00E-02	9.43E+04	2.83E+03	6.20E-01
11/6/98 2:21	ONCLarge	B20	Euclid Creek	1.50E+00	4.90E-01	0.00E+00	2.30E-01	1.11E+05	2.55E+04	3.00E-02	1.11E+05	3.33E+03	6.20E-01
11/6/98 2:22	ONCLarge	B20	Fairmont Reservoir	1.50E+00	NA	1.00E+00	4.00E+00	2.77E+04	1.11E+05	3.00E-02	2.77E+04	8.30E+02	6.20E-01
11/6/98 2:22	ONCLarge	HAN	Fabius River	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.42E+05	9.61E+05	3.00E-02	1.42E+05	4.26E+03	6.20E-01
11/6/98 2:24	ONCLarge	HAN	Spring Lake	1.50E+00	NA	1.00E+00	4.00E+00	1.09E+05	1.09E+05	3.00E-02	2.73E+04	8.18E+02	6.20E-01

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk density (kg/soil particles/Lsoil volume)	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (Lwater/Lsediment volume)
11/6/98 2.40	OINCSmal	340	1.50E+00	5.60E-01	0.00E+00	3.30E-01	1.48E+05	4.88E+04	3.00E-02	1.48E+05	4.43E+03	6.20E-01
11/6/98 2.40	OINCSmal	340	1.50E+00	3.26E-01	0.00E+00	5.21E-01	6.50E+05	3.38E+05	3.00E-02	6.50E+05	1.95E+04	6.20E-01
11/6/98 2.41	OINCSmal	340	1.50E+00	8.17E-01	0.00E+00	3.10E+00	1.32E+07	4.08E+07	3.00E-02	1.32E+07	3.96E+05	6.20E-01
11/6/98 2.42	OINCSmal	342	1.50E+00	5.21E-01	0.00E+00	9.27E-01	2.47E+06	2.29E+06	3.00E-02	2.47E+06	7.40E+04	6.20E-01
11/6/98 2.43	OINCSmal	342	1.50E+00	NA	1.00E+00	4.00E+00	4.84E+05	1.93E+06	3.00E-02	4.84E+05	1.45E+04	6.20E-01
11/6/98 2.44	OINCSmal	342	1.50E+00	5.39E-01	0.00E+00	2.91E-01	3.06E+05	8.91E+04	3.00E-02	3.06E+05	9.18E+03	6.20E-01
11/6/98 2.44	OINCSmal	342	1.50E+00	2.56E-01	0.00E+00	2.77E-01	3.77E+05	1.04E+05	3.00E-02	3.77E+05	1.13E+04	6.20E-01
11/6/98 2.45	OINCSmal	453	1.50E+00	NA	1.00E+00	4.00E+00	1.90E+06	7.59E+06	3.00E-02	1.90E+06	5.69E+04	6.20E-01
11/6/98 2.46	OINCSmal	453	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.65E+04	1.02E+04	3.00E-02	5.65E+04	1.69E+03	6.20E-01
11/6/98 2.47	OINCSmal	453	1.50E+00	5.80E-01	0.00E+00	4.00E-01	4.09E+05	1.64E+05	3.00E-02	4.09E+05	1.23E+04	6.20E-01
11/6/98 2.48	OINCSmal	468	1.50E+00	5.90E-01	0.00E+00	3.70E-01	3.83E+05	1.42E+05	3.00E-02	3.83E+05	1.15E+04	6.20E-01
11/6/98 2.49	OINCSmal	468	1.50E+00	7.05E+00	0.00E+00	2.16E-01	1.17E+05	2.54E+04	3.00E-02	1.17E+05	5.52E+03	6.20E-01
11/6/98 2.49	OINCSmal	468	1.50E+00	7.56E-01	0.00E+00	5.79E-01	1.45E+06	8.42E+05	3.00E-02	1.45E+06	4.36E+04	6.20E-01
11/6/98 2.50	OINCSmal	468	1.50E+00	NA	1.00E+00	4.00E+00	5.33E+05	2.13E+06	3.00E-02	5.33E+05	1.60E+04	6.20E-01
11/6/98 2.51	OINCSmal	701	1.50E+00	9.14E-01	0.00E+00	8.50E-01	3.78E+06	3.22E+06	3.00E-02	3.78E+06	1.13E+05	6.20E-01
11/6/98 2.52	OINCSmal	701	1.50E+00	5.36E-01	0.00E+00	2.13E-01	2.25E+05	4.78E+04	3.00E-02	2.25E+05	6.74E+03	6.20E-01
11/6/98 2.53	OINCSmal	701	1.50E+00	4.79E-01	0.00E+00	3.54E-01	7.67E+05	2.71E+05	3.00E-02	7.67E+05	2.30E+04	6.20E-01
11/6/98 2.53	OINCSmal	704	1.50E+00	NA	1.00E+00	4.00E+00	1.17E+05	4.69E+05	3.00E-02	1.17E+05	3.51E+03	6.20E-01
11/6/98 2.54	OINCSmal	704	1.50E+00	NA	1.00E+00	4.00E+00	1.36E+05	5.43E+05	3.00E-02	1.36E+05	4.07E+03	6.20E-01
11/6/98 2.55	OINCSmal	704	1.50E+00	NA	1.00E+00	4.00E+00	2.97E+05	1.19E+06	3.00E-02	2.97E+05	8.92E+03	6.20E-01
11/6/98 2.56	OINCSmal	708	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.06E+05	1.72E+05	3.00E-02	5.06E+05	1.52E+04	6.20E-01
11/6/98 2.57	OINCSmal	708	1.50E+00	4.60E-01	0.00E+00	1.80E-01	6.38E+04	1.15E+04	3.00E-02	6.38E+04	1.91E+03	6.20E-01
11/6/98 2.57	OINCSmal	708	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.04E+06	6.98E+05	3.00E-02	1.04E+06	3.13E+04	6.20E-01
11/6/98 2.58	OINCSmal	725	1.50E+00	5.67E-01	0.00E+00	5.19E-01	1.09E+06	5.51E+07	3.00E-02	1.09E+06	3.19E+08	6.20E-01
11/6/98 2.59	OINCSmal	725	1.50E+00	NA	1.00E+00	4.00E+00	3.83E+05	1.53E+06	3.00E-02	3.83E+05	1.15E+04	6.20E-01
11/6/98 3.00	OINCSmal	725	1.50E+00	NA	1.00E+00	4.00E+00	1.05E+05	4.19E+05	3.00E-02	1.05E+05	3.15E+03	6.20E-01
11/6/98 3.01	OINCSmal	725	1.50E+00	3.72E-01	0.00E+00	4.60E-01	1.39E+08	6.39E+07	3.00E-02	1.39E+08	4.17E+06	6.20E-01
11/6/98 3.02	OINCSmal	824	1.50E+00	NA	1.00E+00	4.00E+00	3.91E+05	1.56E+06	3.00E-02	3.91E+05	1.17E+04	6.20E-01
11/6/98 3.02	OINCSmal	824	1.50E+00	2.01E-01	0.00E+00	2.01E-01	5.13E+04	1.03E+04	3.00E-02	5.13E+04	1.54E+03	6.20E-01
11/6/98 3.03	OINCSmal	824	1.50E+00	2.96E-01	0.00E+00	1.59E-01	1.45E+05	2.29E+04	3.00E-02	1.45E+05	4.34E+03	6.20E-01
11/6/98 3.04	OINCSmal	824	1.50E+00	7.56E-01	0.00E+00	5.79E-01	5.53E+05	3.20E+05	3.00E-02	5.53E+05	1.66E+04	6.20E-01
11/6/98 3.05	OINCSmal	904	1.50E+00	1.05E+00	0.00E+00	4.57E+00	9.20E+05	4.21E+06	3.00E-02	9.20E+05	2.76E+04	6.20E-01
11/6/98 3.06	OINCSmal	904	1.50E+00	7.10E-01	0.00E+00	9.51E-01	2.04E+06	1.94E+06	3.00E-02	2.04E+06	6.11E+04	6.20E-01
11/6/98 3.06	OINCSmal	906	1.50E+00	9.24E-01	0.00E+00	2.94E+00	1.41E+07	4.15E+07	3.00E-02	1.41E+07	4.23E+05	6.20E-01
11/6/98 3.07	OINCSmal	906	1.50E+00	3.11E-01	0.00E+00	2.74E-01	2.20E+05	6.02E+04	3.00E-02	2.20E+05	6.59E+03	6.20E-01
11/6/98 3.09	OINCSmal	906	1.50E+00	3.20E-01	0.00E+00	2.83E-01	2.75E+05	7.77E+04	3.00E-02	2.75E+05	8.24E+03	6.20E-01
11/6/98 3.10	OINCSmal	A14	1.50E+00	5.50E-01	0.00E+00	3.30E-01	2.94E+05	9.71E+04	3.00E-02	2.94E+05	1.83E+03	6.20E-01
11/6/98 3.11	OINCSmal	A14	1.50E+00	3.20E-01	0.00E+00	2.93E-01	5.53E+05	1.63E+05	3.00E-02	5.57E+05	1.67E+04	6.20E-01
11/6/98 3.12	OINCSmal	A14	1.50E+00	5.60E-01	0.00E+00	3.30E-01	3.01E+05	9.94E+04	3.00E-02	3.01E+05	9.04E+03	6.20E-01
11/6/98 3.13	OINCSmal	A14	1.50E+00	2.23E+00	0.00E+00	6.68E+00	6.07E+07	4.04E+08	3.00E-02	6.07E+07	1.82E+06	6.20E-01
11/6/98 3.14	OINCSmal	A14	1.50E+00	6.60E-01	0.00E+00	5.60E-01	2.84E+05	1.59E+05	3.00E-02	2.84E+05	8.53E+03	6.20E-01
11/6/98 3.15	OINCSmal	A26	1.50E+00	4.60E-01	0.00E+00	1.80E-01	5.86E+04	1.05E+04	3.00E-02	5.86E+04	1.76E+03	6.20E-01
11/6/98 3.16	OINCSmal	A26	1.50E+00	5.50E-01	0.00E+00	3.40E-01	1.69E+05	5.74E+04	3.00E-02	1.69E+05	5.96E+03	6.20E-01
11/6/98 3.17	OINCSmal	A26	1.50E+00	7.00E-01	0.00E+00	6.70E-01	8.75E+05	5.86E+05	3.00E-02	8.75E+05	2.62E+04	6.20E-01
11/6/98 3.18	OINCSmal	A31	1.50E+00	7.90E-01	0.00E+00	1.11E+00	2.35E+06	2.61E+06	3.00E-02	2.35E+06	7.06E+04	6.20E-01
11/6/98 3.19	OINCSmal	A31	1.50E+00	8.80E-01	0.00E+00	1.65E+00	3.45E+06	5.69E+06	3.00E-02	3.45E+06	1.03E+05	6.20E-01
11/6/98 3.20	OINCSmal	A31	1.50E+00	5.50E-01	0.00E+00	3.40E-01	2.44E+05	8.29E+04	3.00E-02	2.44E+05	7.32E+03	6.20E-01
11/6/98 3.21	OINCSmal	A45	1.50E+00	NA	1.00E+00	4.00E+00	5.30E+06	2.12E+07	3.00E-02	5.30E+06	1.59E+05	6.20E-01
11/6/98 3.22	OINCSmal	A45	1.50E+00	NA	1.00E+00	4.00E+00	1.89E+06	7.59E+06	3.00E-02	1.89E+06	5.82E+04	6.20E-01
11/6/98 3.23	OINCSmal	A45	1.50E+00	5.20E-01	0.00E+00	2.80E-01	4.71E+05	1.32E+05	3.00E-02	4.71E+05	1.41E+04	6.20E-01
11/6/98 3.24	OINCSmal	A45	1.50E+00	6.70E-01	0.00E+00	6.00E-01	6.06E+05	3.64E+05	3.00E-02	6.06E+05	1.82E+04	6.20E-01
11/6/98 3.25	OINCSmal	A46	1.50E+00	6.40E-01	0.00E+00	5.40E-01	4.31E+05	2.33E+05	3.00E-02	4.31E+05	1.29E+04	6.20E-01
11/6/98 3.27	OINCSmal	A46	1.50E+00	1.16E+00	0.00E+00	4.22E+00	8.49E+06	3.58E+07	3.00E-02	8.49E+06	2.55E+05	6.20E-01
11/6/98 3.28	OINCSmal	A46	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.61E+06	1.08E+06	3.00E-02	1.61E+06	4.82E+04	6.20E-01
11/6/98 3.29	OINCSmal	A47	1.50E+00	7.00E-01	0.00E+00	6.70E-01	1.80E+06	1.21E+06	3.00E-02	1.80E+06	5.40E+04	6.20E-01
11/6/98 3.30	OINCSmal	A47	1.50E+00	5.50E-01	0.00E+00	3.40E-01	5.07E+05	1.72E+05	3.00E-02	5.07E+05	1.52E+04	6.20E-01
11/6/98 3.31	OINCSmal	A47	1.50E+00	NA	1.00E+00	4.00E+00	1.65E+05	6.58E+05	3.00E-02	1.65E+05	4.94E+03	6.20E-01
11/6/98 3.32	OINCSmal	A47	1.50E+00	NA	1.00E+00	4.00E+00	1.13E+06	4.54E+06	3.00E-02	1.13E+06	3.40E+04	6.20E-01
11/6/98 3.33	OINCSmal	A55	1.50E+00	7.68E-01	0.00E+00	7.71E-01	2.09E+06	2.09E+06	3.00E-02	2.71E+06	8.14E+04	6.20E-01
11/6/98 3.33	OINCSmal	A55	1.50E+00	2.96E-01	0.00E+00	1.83E-01	1.70E+05	3.11E+04	3.00E-02	1.70E+05	5.10E+03	6.20E-01
11/6/98 3.34	OINCSmal	A55	1.50E+00	NA	1.00E+00	4.00E+00	6.89E+06	1.72E+06	3.00E-02	6.89E+06	5.16E+04	6.20E-01
11/6/98 3.35	OINCSmal	A55	1.50E+00	NA	1.00E+00	4.00E+00	1.60E+06	6.41E+06	3.00E-02	1.60E+06	4.81E+04	6.20E-01
11/6/98 3.36	OINCSmal	B18	1.50E+00	4.36E-01	0.00E+00	5.67E-01	1.46E+06	8.29E+05	3.00E-02	1.46E+06	4.39E+04	6.20E-01
11/6/98 3.37	OINCSmal	B18	1.50E+00	5.60E-01	0.00E+00	3.30E-01	9.79E+04	3.23E+04	3.00E-02	9.79E+04	2.94E+03	6.20E-01
11/6/98 3.38	OINCSmal	B18	1.50E+00	2.23E+00	0.00E+00	6.64E+00	6.51E+07	4.32E+08	3.00E-02	6.51E+07	1.95E+06	6.20E-01
11/6/98 3.38	OINCSmal	B18	1.50E+00	2.01E-01	0.00E+00	2.26E-01	1.74E+05	3.93E+04	3.00E-02	1.74E+05	5.22E+03	6.20E-01
11/6/98 3.39	OINCSmal	B23	1.50E+00	3.47E-01	0.00E+00	3.90E-01	3.26E+05	1.27E+05	3.00E-02	3.26E+05	9.78E+03	6.20E-01
11/6/98 3.40	OINCSmal	B23	1.50E+00	4.21E-01	0.00E+00	2.77E-01	3.80E+05	1.05E+05	3.00E-02	3.80E+05	1.14E+04	6.20E-01
11/6/98 3.41	OINCSmal	B23	1.50E+00	8.44E-01	0.00E+00	1.38E+00	3.56E+06	4.90E+06	3.00E-02	3.56E+06	1.07E+05	6.20E-01
11/6/98 3.42	OINCSmal	B23	1.50E+00	NA	1.00E+00	4.00E+00	5.47E+05	2.19E+06	3.00E-02	5.47E+05	1.64E+04	6.20E-01
11/6/98 19.27	OINCSmal	B31	1.50E+00	2.80E-01	0.00E+00	2.04E-01	2.12E+05	4.32E+04	3.00E-02	2.12E+05	6.35E+03	6.20E-01
11/6/98 19.28	OINCSmal	B31	1.50E+00	4.97E-01	0.00E+00	2.32E-01	2.22E+05	6.15E+04	3.00E-02	2.22E+05	6.67E+03	

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Soil Bulk density (kg[soil particles]/L[soil volume])	Current Velocity	WTYPE	Waterbody Depth (m)	Waterbody Area (m2)	Waterbody Volume (m3)	Sediment Depth (m)	Sediment Area (m2)	Sediment Volume (m3)	Sediment Porosity (L[water]/L[sediment volume])	
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	1.50E+00	NA	1.00E+00	4.00E+00	2.45E+05	9.80E+05	3.00E-02	2.45E+05	7.35E+03	6.20E-01
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	1.50E+00	4.60E-01	0.00E+00	1.70E-01	8.04E+04	1.37E+04	3.00E-02	8.04E+04	2.41E+03	6.20E-01

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg[sed. Particles]/L[sediment volume])	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D. a: air diffusion coefficient, cm2/s	Hg2 D. a: air diffusion coefficient, cm2/s
11/6/98 0.17	CINC	209	Lawsons Fork Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.18	CINC	209	Tyger River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.19	CINC	209	Fair Forest Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.20	CINC	209	Middle Tyger River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.20	CINC	214	Fish Ponds	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.21	CINC	214	Lake Clause	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.23	CINC	214	Comite River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.24	CINC	221	Highlands Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.25	CINC	221	Sheldon Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.26	CINC	324	Shades Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.27	CINC	324	Valley Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.28	CINC	324	Bayview Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.28	CINC	324	Cahaba River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.29	CINC	325	Big Hill Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.30	CINC	325	Potato Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.31	CINC	325	Claymore Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.31	CINC	325	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.32	CINC	331	Rocky River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.33	CINC	331	East Branch Black River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.34	CINC	331	Wyleswood Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.35	CINC	331	Baldwin Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.35	CINC	359	Kentucky River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.36	CINC	359	Indian Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.37	CINC	359	Indian Kentuck Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.38	CINC	359	Ohio River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.39	CINC	A15	Tonawanda Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.39	CINC	A15	Murder Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.40	CINC	A15	Ellicott Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.41	CINC	A18	Taylor Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.43	CINC	A18	Viterbo Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.43	CINC	CAL	Tennessee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.44	CINC	CAL	Kentucky Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.45	CINC	CAL	Barkley Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.46	CINC	CAL	Cumberland River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.46	CINC	ELD	Flat Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.47	CINC	ELD	Salt Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.48	CINC	ELD	Calion Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.49	CINC	ELD	Ouachita River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.49	CINC	SAU	Horseshoe Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.50	CINC	SAU	Old Catokas Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.51	CINC	SAU	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.53	CK	202	Elk City Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.54	CK	202	Montgomery County State Park Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.55	CK	202	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.56	CK	203	Catalpa Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.57	CK	203	Gilmer Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.58	CK	203	N. Branch Magowah Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 0.59	CK	203	Shoatbag Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.00	CK	204	Bay Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.01	CK	204	Little Calumet Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.03	CK	204	Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.04	CK	302	Saunsee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.05	CK	302	Auglaize River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.06	CK	302	Six Mile Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.07	CK	304	Big Walnut Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.08	CK	304	Glenn Flint Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.08	CK	304	Deer Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.09	CK	320	Mud Devils Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.10	CK	320	Thunder Bay River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.11	CK	320	Long Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.12	CK	321	Powell Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.13	CK	321	Lake Demopolis	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.14	CK	321	Lake Henry	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.15	CK	BAT	Monocacy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.15	CK	BAT	Lehigh River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.16	CK	CHA	Allen Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.17	CK	CHA	Sante Fe Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.18	CK	CHA	Nosho River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.18	CK	FOR	Walnut Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.19	CK	FOR	West Flat Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.20	CK	FOR	Hamilton Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.21	CK	FRE	Salt Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.21	CK	FRE	Verdigris River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.22	CK	FRE	Fall River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.23	CK	HAR	Indian Field Swamp	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.24	CK	HAR	Walnut Branch	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.24	CK	HAR	Huttos Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.25	CK	HOL	Huttos Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.26	CK	HOL	Lake Merkel	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.27	CK	TEX	Armstrong Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.28	CK	TEX	Massey Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02
11/6/98 1.28	CK	TEX	Mountain Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg[sed. Particles]/L[sediment volume])	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D a: air diffusion coefficient, cm2/s	Hg2 D a: air diffusion coefficient, cm2/s
11/6/98 1:29	CK	TEX Waxahachie Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:30	CK	WAM Connoquenessing Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:31	CK	WAM Hereford Manor Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:31	CK	WAM Beaver River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:32	CK	WAM Slippery Rock Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:34	LWAK	ARV James River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:34	LWAK	ARV Sports Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:35	LWAK	ARV Holman Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:36	LWAK	ARV Rivanna River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:38	LWAK	BRO McNehly Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:38	LWAK	BRO Silver Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:40	LWAK	CAS Cascade Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:41	LWAK	CAS Smith River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:41	LWAK	CAS Dan River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:42	LWAK	COH Troy Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:43	LWAK	COH Hudson River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:44	LWAK	COH Mohawk River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:46	LWAK	NOR Long Lake/Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:47	LWAK	NOR Lake Tilley	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:48	ONCLarge	334 Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:49	ONCLarge	334 Vermillion River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:50	ONCLarge	334 Colby Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:51	ONCLarge	334 Lake Isabelle	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:52	ONCLarge	463 Blue River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:52	ONCLarge	463 Rock Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:53	ONCLarge	463 Shoal Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:54	ONCLarge	463 Missouri River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:55	ONCLarge	464 Ottawa River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:55	ONCLarge	464 Twin Lakes Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:56	ONCLarge	464 Metzger/Ferguson Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:57	ONCLarge	504 Pennsauken Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:58	ONCLarge	504 Darby Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:59	ONCLarge	504 Cooper River Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 1:59	ONCLarge	504 Schuykill River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:00	ONCLarge	600 Lake Jackson	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:01	ONCLarge	600 Oyster Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:02	ONCLarge	600 Brazos River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:02	ONCLarge	711 Brechtel Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:03	ONCLarge	711 Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:04	ONCLarge	806 Wolf Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:05	ONCLarge	806 Lake George	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:06	ONCLarge	806 Little Calumet River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:06	ONCLarge	806 Grand Calumet River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:07	ONCLarge	915 Genesee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:08	ONCLarge	915 Irondequoit Bay	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:09	ONCLarge	915 Highland Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:09	ONCLarge	A32 Armand Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:10	ONCLarge	A43 Twelvemile Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:11	ONCLarge	A43 Bergholtz Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:12	ONCLarge	A43 Cayuga Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:13	ONCLarge	A43 Niagara River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:13	ONCLarge	A50 Carpenters Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:14	ONCLarge	A50 Highlands Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:15	ONCLarge	A50 Buffalo Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:16	ONCLarge	A50 San Jacinto River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:16	ONCLarge	A62 Caney Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:17	ONCLarge	A62 E & W Fork, Crystal Cr.	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:18	ONCLarge	A62 Stewarts Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:19	ONCLarge	A62 Lewis Creek Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:20	ONCLarge	B20 Cuyahoga River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:20	ONCLarge	B20 Upper and Lower Shaker Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:21	ONCLarge	B20 Euclid Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:22	ONCLarge	B20 Fairmont Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:23	ONCLarge	HAN Fabius River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:24	ONCLarge	HAN Spring Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:24	ONCLarge	HAN Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:25	ONCLarge	KIN North Fork Holston River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:26	ONCLarge	KIN Kingsport Reservoir	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:27	ONCLarge	KIN South Fork Holston River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:27	ONCLarge	KIN Reedy Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:28	ONCLarge	MCI Hals Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:29	ONCLarge	MCI Helicat Lake	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:30	ONCLarge	MCI Alabama River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:31	ONCLarge	MCI Tombigbee River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:31	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:32	ONCLarge	MID Sturgeon Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:33	ONCLarge	MID Kankawlin River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:34	ONCLarge	MID Chippewa River (most inclusive data)	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:35	ONCLarge	STG Bayou Plaquemine	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:36	ONCLarge	STG Manchac Bayou	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:36	ONCLarge	STG Bayou Fountain	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:37	ONCLarge	STG Mississippi River	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 2:39	ONCLarge	340 Sunfish Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Benthic Sediment Concentration (mg[<u>sed. Particles</u>]/L[<u>sediment volume</u>])	Hg0 Molecular weight	Hg2 Molecular weight	MHg Molecular weight	Hg0 D _a : air diffusion coefficient, cm ² /s	Hg2 D _a : air diffusion coefficient, cm ² /s	
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	7.50E+04	2.01E+02	2.01E+02	2.16E+02	5.50E-02	5.50E-02

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg D. a: air diffusion coefficient, cm2/s	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	
11/6/98 0.17	CINC	209	Lawsans Fork Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.18	CINC	209	Tyger River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.19	CINC	209	Fair Forest Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.20	CINC	209	Middle Tyger River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.20	CINC	214	Fish Ponds	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.21	CINC	214	Lake Clause	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.23	CINC	214	Comite River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.24	CINC	221	Highlands Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.25	CINC	221	Sheldon Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.26	CINC	324	Shades Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.27	CINC	324	Valley Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.28	CINC	324	Bayview Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.28	CINC	324	Cahaba River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.29	CINC	325	Big Hill Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.30	CINC	325	Polato Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.31	CINC	325	Claymore Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.31	CINC	325	Verdigris River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.32	CINC	331	Rocky River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.33	CINC	331	East Branch Black River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.34	CINC	331	Wyleswood Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.35	CINC	331	Baldwin Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.35	CINC	359	Kentucky River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.36	CINC	359	Indian Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.37	CINC	359	Indian Kentucky Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.38	CINC	359	Ohio River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.39	CINC	A15	Tonawanda Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.39	CINC	A15	Murder Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.40	CINC	A15	Ellicott Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.41	CINC	A18	Taylor Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.43	CINC	A18	Viterbo Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.43	CINC	CAL	Tennessee River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.44	CINC	CAL	Kentucky Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.45	CINC	CAL	Barkley Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.46	CINC	CAL	Cumbebandt River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.46	CINC	ELD	Flat Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.47	CINC	ELD	Salt Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.48	CINC	ELD	Calion Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.49	CINC	ELD	Ouachita River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.49	CINC	SAU	Horsehoe Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.50	CINC	SAU	Old Catokas Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.51	CINC	SAU	Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.53	CK	202	Elk City Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.54	CK	202	Montgomery County State Park Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.55	CK	202	Verdigris River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.56	CK	203	Catalpa Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.57	CK	203	Galmer Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.58	CK	203	N. Branch Magowah Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 0.59	CK	203	Shotbag Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.00	CK	204	Bay Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.01	CK	204	Little Calumet Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.03	CK	204	Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.04	CK	302	Maumee River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.05	CK	302	Auglaize River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.06	CK	302	Six Mile Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.07	CK	304	Big Walnut Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.08	CK	304	Glenn Flint Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.08	CK	304	Deer Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.09	CK	320	Mud Devils Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.10	CK	320	Thunder Bay River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.11	CK	320	Long Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.12	CK	321	Powell Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.13	CK	321	Lake Demopolis	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.14	CK	321	Lake Henry	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.15	CK	BAT	Monocacy Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.15	CK	BAT	Lehigh River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.16	CK	CHA	Allen Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.17	CK	CHA	Sante Fe Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.18	CK	CHA	Noosho River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.18	CK	FOR	Walnut Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.19	CK	FOR	West Flat Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.20	CK	FOR	Hamilton Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.21	CK	FRE	Salt Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.21	CK	FRE	Verdigris River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.22	CK	FRE	Fall River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.23	CK	HAR	Indian Field Swamp	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.24	CK	HAR	Walnut Branch	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.24	CK	HAR	Huttos Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.25	CK	HOL	Huttos Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.26	CK	HOL	Lake Merkel	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.27	CK	TEX	Armstrong Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.28	CK	TEX	Massey Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1.28	CK	TEX	Mountain Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07

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Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg D. a: air diffusion coefficient, cm ² /s	Hg0 D. w: water diffusion coefficient, cm ² /s	Hg2 D. w: water diffusion coefficient, cm ² /s	MHg D. w: water diffusion coefficient, cm ² /s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant	
11/6/98 1:29	CK	TEX	Waxahachie Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:30	CK	WAM	Connoquenessing Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:31	CK	WAM	Hereford Manor Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:31	CK	WAM	Beaver River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:32	CK	WAM	Slippery Rock Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:34	LWAK	ARV	James River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:34	LWAK	ARV	Sports Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:35	LWAK	ARV	Holman Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:36	LWAK	ARV	Rivanna River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:38	LWAK	BRO	McNeely Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:38	LWAK	BRO	Silver Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:40	LWAK	CAS	Cascade Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:41	LWAK	CAS	Smith River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:41	LWAK	CAS	Dan River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:42	LWAK	COH	Troy Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:43	LWAK	COH	Hudson River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:44	LWAK	COH	Mohawk River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:47	LWAK	NOR	Lake Tilley	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:48	ONCLarge	334	Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:49	ONCLarge	334	Vermillion River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:50	ONCLarge	334	Colby Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:51	ONCLarge	334	Lake Isabelle	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:52	ONCLarge	463	Blue River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:52	ONCLarge	463	Rock Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:53	ONCLarge	463	Shoal Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:54	ONCLarge	463	Missouri River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:55	ONCLarge	464	Ottawa River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:55	ONCLarge	464	Twin Lakes Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:56	ONCLarge	464	Metzger/Ferguson Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:57	ONCLarge	504	Pennsauken Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:58	ONCLarge	504	Darby Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:59	ONCLarge	504	Cooper River Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 1:59	ONCLarge	504	Schuykill River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:00	ONCLarge	600	Lake Jackson	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:01	ONCLarge	600	Oyster Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:02	ONCLarge	600	Brazos River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:02	ONCLarge	711	Brechtel Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:03	ONCLarge	711	Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:04	ONCLarge	806	Wolf Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:05	ONCLarge	806	Lake George	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:06	ONCLarge	806	Little Calumet River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:06	ONCLarge	806	Grand Calumet River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:07	ONCLarge	915	Genesee River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:08	ONCLarge	915	Irondequoit Bay	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:09	ONCLarge	915	Highland Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:09	ONCLarge	A32	Armand Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:10	ONCLarge	A43	Twelvemile Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:11	ONCLarge	A43	Bergholtz Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:12	ONCLarge	A43	Cayuga Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:13	ONCLarge	A43	Niagara River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:13	ONCLarge	A50	Carpenters Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:14	ONCLarge	A50	Highlands Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:15	ONCLarge	A50	Buffalo Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:16	ONCLarge	A50	San Jacinto River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:16	ONCLarge	A62	Caney Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:17	ONCLarge	A62	E & W Fork, Crystal Cr.	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:18	ONCLarge	A62	Stewarts Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:19	ONCLarge	A62	Lewis Creek Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:20	ONCLarge	B20	Cuyahoga River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:20	ONCLarge	B20	Upper and Lower Shaker Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:21	ONCLarge	B20	Euclid Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:22	ONCLarge	B20	Fairmont Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:23	ONCLarge	HAN	Fabius River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:24	ONCLarge	HAN	Spring Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:24	ONCLarge	HAN	Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:25	ONCLarge	KIN	North Fork Holston River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:26	ONCLarge	KIN	Kingsport Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:27	ONCLarge	KIN	South Fork Holston River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:27	ONCLarge	KIN	Reedy Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:28	ONCLarge	MCI	Hals Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:29	ONCLarge	MCI	Helicat Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:30	ONCLarge	MCI	Alabama River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:31	ONCLarge	MCI	Tombigbee River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:31	ONCLarge	MID	Tittabawassee River (plus Sanford Lake)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:32	ONCLarge	MID	Sturgeon Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:33	ONCLarge	MID	Kawkawin River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:34	ONCLarge	MID	Chippewa River (most inclusive data)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:35	ONCLarge	STG	Bayou Plaquemine	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:36	ONCLarge	STG	Manchac Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:36	ONCLarge	STG	Bayou Fountain	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:37	ONCLarge	STG	Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2:39	ONCSmall	340	Sunfish Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg D. a: air diffusion coefficient, cm2/s	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant
11/6/98 2.40	OINCSmal	340 Proctor Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.40	OINCSmal	340 Fish Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.41	OINCSmal	340 Ohio River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.42	OINCSmal	342 Kalamazoo River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.43	OINCSmal	342 East Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.44	OINCSmal	342 Portage Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.44	OINCSmal	342 Portage River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.45	OINCSmal	453 Lake Spivey	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.46	OINCSmal	453 Jester Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.47	OINCSmal	453 Flint River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.48	OINCSmal	468 Wassahickon Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.49	OINCSmal	468 Tacony Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.49	OINCSmal	468 Schuykill	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.50	OINCSmal	468 Pickering Creek Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.51	OINCSmal	701 Wabash River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.52	OINCSmal	701 Sugar Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.53	OINCSmal	701 Big Racoon Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.53	OINCSmal	704 Ganey Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.54	OINCSmal	704 Legg Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.55	OINCSmal	704 Silver Lake Res.	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.56	OINCSmal	708 Grindle Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.57	OINCSmal	708 Parker Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.57	OINCSmal	708 Tranters Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.58	OINCSmal	725 Passaic River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 2.59	OINCSmal	725 Silver Lake Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.00	OINCSmal	725 Reservoir No. 2	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.01	OINCSmal	725 Rahway River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.02	OINCSmal	824 Newton Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.02	OINCSmal	824 Big Timber Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.03	OINCSmal	824 Darby Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.04	OINCSmal	824 Schuykill River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.05	OINCSmal	904 Pascagoula River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.06	OINCSmal	904 Escatawpa River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.06	OINCSmal	906 Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.07	OINCSmal	906 Coopers Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.09	OINCSmal	906 Eliza Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.10	OINCSmal	906 Muscatine Slough	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.11	OINCSmal	A14 New River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.12	OINCSmal	A14 Bayou Conway	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.13	OINCSmal	A14 Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.14	OINCSmal	A14 Bayou Lafourche	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.15	OINCSmal	A26 Big Creek (includes Sulfur Spring Creek)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.16	OINCSmal	A26 Carter Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.17	OINCSmal	A26 Dota Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.18	OINCSmal	A31 Nottaway River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.19	OINCSmal	A31 Chowan River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.20	OINCSmal	A31 Nottaway Swamp (a creek)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.21	OINCSmal	A45 Sheldon Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.22	OINCSmal	A45 Highlands Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.23	OINCSmal	A45 Greens Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.24	OINCSmal	A45 Buffalo Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.25	OINCSmal	A46 Little Muskingum River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.27	OINCSmal	A46 Ohio River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.28	OINCSmal	A46 Middle Island Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.29	OINCSmal	A47 Caney River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.30	OINCSmal	A47 Sand Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.31	OINCSmal	A47 Bar-Dew Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.32	OINCSmal	A47 Lake Hudson	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.33	OINCSmal	A55 Mohawk River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.33	OINCSmal	A55 Apclause Kill River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.34	OINCSmal	A55 Stony Creek Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.35	OINCSmal	A55 Waterveil Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.36	OINCSmal	B18 Gulf Interoastal Waterway	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.37	OINCSmal	B18 Bayou La Butte	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.38	OINCSmal	B18 Mississippi River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.38	OINCSmal	B18 Bayou Manchac	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.39	OINCSmal	B23 Hillbrant Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.40	OINCSmal	B23 Cow Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.41	OINCSmal	B23 Neches River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.42	OINCSmal	B23 Port Arthur Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 19.27	OINCSmal	B31 Wassahickon Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 19.28	OINCSmal	B31 Neshaminy Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 19.29	OINCSmal	B31 Peace Valley Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 19.30	OINCSmal	B31 Schuykill River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.46	OINCSmal	B32 Cedar Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.47	OINCSmal	B32 Cary Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.48	OINCSmal	B32 Goose Creek	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.48	OINCSmal	B37 Arkansas River	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.49	OINCSmal	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.50	OINCSmal	B37 Yellow Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.51	OINCSmal	B37 Lake Pine Bluff	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.52	OINCSmal	B44 Sheldon Reservoir	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.53	OINCSmal	B44 Greens Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.54	OINCSmal	B44 Buffalo Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.54	OINCSmal	B44 Hunting Bayou	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.55	OINCSmal	TOO Rush Lake	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3.56	OINCSmal	TOO Box Elder Wash	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg D. a: air diffusion coefficient, cm2/s	Hg0 D. w: water diffusion coefficient, cm2/s	Hg2 D. w: water diffusion coefficient, cm2/s	MHg D. w: water diffusion coefficient, cm2/s	Hg0 Henry's Law Constant	Hg2 Henry's Law Constant	MHg Henry's Law Constant
11/6/98 3:57	OINCSmall	TOO	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07
11/6/98 3:58	OINCSmall	TOO	5.30E-02	6.41E-06	6.41E-06	6.11E-06	7.10E-03	7.10E-10	4.70E-07

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)
11/6/98 1:29	CK	TEX Waxahachie Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:30	CK	WAM Connoqueneing Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:31	CK	WAM Hereford Manor Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:31	CK	WAM Beaver River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:32	CK	WAM Slippy Rock Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:34	LWAK	ARV James River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:34	LWAK	ARV Sports Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:35	LWAK	ARV Holman Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:36	LWAK	ARV Rivanna River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:38	LWAK	BRO McNeely Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:38	LWAK	BRO Silver Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:40	LWAK	CAS Cascade Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:41	LWAK	CAS Smith River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:41	LWAK	CAS Dan River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:42	LWAK	COH Troy Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:43	LWAK	COH Hudson River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:44	LWAK	COH Mohawk River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:46	LWAK	NOR Long Lake/Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:47	LWAK	NOR Lake Tilley	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:48	ONCLarge	334 Mississippi River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:49	ONCLarge	334 Vermillion River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:50	ONCLarge	334 Colby Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:51	ONCLarge	334 Lake Isabelle	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:52	ONCLarge	463 Blue River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:52	ONCLarge	463 Rock Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:53	ONCLarge	463 Shoal Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:54	ONCLarge	463 Missouri River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:55	ONCLarge	464 Ottawa River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:55	ONCLarge	464 Twin Lakes Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:56	ONCLarge	464 Metzger/Ferguson Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:57	ONCLarge	504 Pennsauken Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:58	ONCLarge	504 Darby Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:59	ONCLarge	504 Cooper River Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 1:59	ONCLarge	504 Schuykill River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:00	ONCLarge	600 Lake Jackson	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:01	ONCLarge	600 Oyster Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:02	ONCLarge	600 Brazos River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:02	ONCLarge	711 Brechtel Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:03	ONCLarge	711 Mississippi River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:04	ONCLarge	806 Wolf Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:05	ONCLarge	806 Lake George	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:06	ONCLarge	806 Little Calumet River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:06	ONCLarge	806 Grand Calumet River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:07	ONCLarge	915 Genesee River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:08	ONCLarge	915 Irondequoit Bay	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:09	ONCLarge	915 Highland Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:09	ONCLarge	A32 Armand Bayou	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:10	ONCLarge	A43 Twelvemile Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:11	ONCLarge	A43 Bergholtz Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:12	ONCLarge	A43 Cayuga Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:13	ONCLarge	A43 Niagara River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:13	ONCLarge	A50 Carpenters Bayou	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:14	ONCLarge	A50 Highlands Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:15	ONCLarge	A50 Buffalo Bayou	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:16	ONCLarge	A50 San Jacinto River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:16	ONCLarge	A62 Caney Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:17	ONCLarge	A62 E & W Fork, Crystal Cr.	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:18	ONCLarge	A62 Stewarts Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:19	ONCLarge	A62 Lewis Creek Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:20	ONCLarge	B20 Cuyahoga River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:20	ONCLarge	B20 Upper and Lower Shaker Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:21	ONCLarge	B20 Euclid Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:22	ONCLarge	B20 Fairmont Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:23	ONCLarge	HAN Fabius River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:24	ONCLarge	HAN Spring Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:24	ONCLarge	HAN Mississippi River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:25	ONCLarge	KIN North Fork Holston River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:26	ONCLarge	KIN Kingsport Reservoir	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:27	ONCLarge	KIN South Fork Holston River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:27	ONCLarge	KIN Reedy Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:28	ONCLarge	MCI Hals Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:29	ONCLarge	MCI Helcat Lake	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:30	ONCLarge	MCI Alabama River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:31	ONCLarge	MCI Tombigbee River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:31	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:32	ONCLarge	MID Sturgeon Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:33	ONCLarge	MID Kawkawlin River	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:34	ONCLarge	MID Chippewa River (most inclusive data)	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:35	ONCLarge	STG Bayou Plaquemine	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 2:36	ONCLarge	STG Manchac Bayou	1.00E+							

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Hg0 Soil Kd (L/kg)	Hg2 Soil Kd (L/kg)	MHg Soil Kd (L/kg)	Hg0 Suspended Sediment Kd (L/kg)	Hg2 Suspended Sediment Kd (L/kg)	MHg Suspended Sediment Kd (L/kg)	Hg0 Suspended Biotic solids Kd (L/kg)	Hg2 Suspended Biotic solids Kd (L/kg)	
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	1.00E+03	5.80E+04	7.00E+03	1.00E+03	1.00E+05	1.00E+05	1.00E+03	2.00E+05

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Suspended Biotic solids Kd (L/Kg)	Hg0 Benthic Sediment Kd (L/Kg)	Hg2 Benthic Sediment Kd (L/Kg)	MHg Benthic Sediment Kd (L/Kg)	R:	erosivity Factor, /yr	K:	erodibility factor, vac	LS:	topographic factor, unitless
11/6/98 0.17	CINC	209	Lawsons Fork Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.29E+00		
11/6/98 0.18	CINC	209	Tyger River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.49E+00		
11/6/98 0.19	CINC	209	Fair Forest Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.34E+00		
11/6/98 0.20	CINC	209	Middle Tyger River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.41E+00		
11/6/98 0.20	CINC	214	Fish Ponds	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	7.94E-02		
11/6/98 0.21	CINC	214	Lake Clause	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	9.19E-02		
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	5.89E-01		
11/6/98 0.23	CINC	214	Comite River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.10E+02	3.40E-01	1.64E-01		
11/6/98 0.24	CINC	221	Highlands Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	6.93E-02		
11/6/98 0.25	CINC	221	Sheldon Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	7.02E-02		
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	8.50E-02		
11/6/98 0.26	CINC	324	Shades Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	1.78E+00		
11/6/98 0.27	CINC	324	Valley Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	1.63E+00		
11/6/98 0.28	CINC	324	Bayview Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	1.27E+00		
11/6/98 0.28	CINC	324	Cahaba River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	2.17E+00		
11/6/98 0.29	CINC	325	Big Hill Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.52E-01		
11/6/98 0.30	CINC	325	Potato Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.04E-01		
11/6/98 0.31	CINC	325	Claymore Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	2.76E-01		
11/6/98 0.31	CINC	325	Verdigris River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02	3.40E-01	3.28E-01		
11/6/98 0.32	CINC	331	Rocky River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	4.72E-01		
11/6/98 0.33	CINC	331	East Branch Black River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	4.63E-01		
11/6/98 0.34	CINC	331	Wyleswood Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	4.76E-01		
11/6/98 0.35	CINC	331	Baldwin Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02	3.40E-01	5.14E-01		
11/6/98 0.35	CINC	359	Kentucky River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	2.27E+00		
11/6/98 0.36	CINC	359	Indian Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	2.78E+00		
11/6/98 0.37	CINC	359	Indian Kentucky Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	3.16E+00		
11/6/98 0.38	CINC	359	Ohio River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02	3.40E-01	2.40E+00		
11/6/98 0.39	CINC	A15	Tonawanda Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.00E+02	3.40E-01	4.18E-01		
11/6/98 0.39	CINC	A15	Murder Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.00E+02	3.40E-01	4.69E-01		
11/6/98 0.40	CINC	A15	Ellicott Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.00E+02	3.40E-01	4.91E-01		
11/6/98 0.41	CINC	A18	Taylor Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.90E+02	3.40E-01	1.18E-01		
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.90E+02	3.40E-01	1.17E-01		
11/6/98 0.43	CINC	A18	Viterbo Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.90E+02	3.40E-01	1.24E-01		
11/6/98 0.43	CINC	CAL	Tennessee River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	9.26E-01		
11/6/98 0.44	CINC	CAL	Kentucky Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.95E+00		
11/6/98 0.45	CINC	CAL	Barkley Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	2.88E+00		
11/6/98 0.46	CINC	ELD	Cumberland River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.67E+00		
11/6/98 0.46	CINC	ELD	Flat Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	4.93E-01		
11/6/98 0.47	CINC	ELD	Salt Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	5.03E-01		
11/6/98 0.48	CINC	ELD	Calion Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	5.81E-01		
11/6/98 0.49	CINC	ELD	Ouachita River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	4.10E-01		
11/6/98 0.49	CINC	SAU	Horseshoe Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.66E-01		
11/6/98 0.50	CINC	SAU	Old Cahokia Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.66E-01		
11/6/98 0.51	CINC	SAU	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	6.84E-01		
11/6/98 0.53	CK	202	Elk City Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.15E+02	3.40E-01	3.03E-01		
11/6/98 0.54	CK	202	Montgomery County State Park Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.15E+02	3.40E-01	4.75E-01		
11/6/98 0.55	CK	202	Verdigris River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.15E+02	3.40E-01	3.28E-01		
11/6/98 0.56	CK	203	Catalpa Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	3.39E-01		
11/6/98 0.57	CK	203	Gilmer Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	3.03E-01		
11/6/98 0.58	CK	203	N. Branch Magowah Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	3.15E-01		
11/6/98 0.59	CK	203	Shotbag Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.50E+02	3.40E-01	4.50E-01		
11/6/98 1.00	CK	204	Bay Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.34E+00		
11/6/98 1.01	CK	204	Little Calumet Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.53E+00		
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.66E-01		
11/6/98 1.03	CK	204	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.38E+00		
11/6/98 1.04	CK	302	Saunsee River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	1.64E-01		
11/6/98 1.05	CK	302	Auglaize River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	1.40E-01		
11/6/98 1.06	CK	302	Six Mile Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02	3.40E-01	1.66E-01		
11/6/98 1.07	CK	304	Big Walnut Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	1.87E+00		
11/6/98 1.08	CK	304	Glenn Flint Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	1.04E+00		
11/6/98 1.08	CK	304	Deer Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02	3.40E-01	1.71E+00		
11/6/98 1.09	CK	320	Mud Devils Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01	3.40E-01	2.43E-01		
11/6/98 1.10	CK	320	Thunder Bay River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01	3.40E-01	4.86E-01		
11/6/98 1.11	CK	320	Long Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01	3.40E-01	4.11E-01		
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	3.13E-01		
11/6/98 1.12	CK	321	Powell Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	5.69E-01		
11/6/98 1.13	CK	321	Lake Demopolis	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	3.13E-01		
11/6/98 1.14	CK	321	Lake Henry	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.75E+02	3.40E-01	9.81E-01		
11/6/98 1.15	CK	BAT	Monocacy Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	1.99E+00		
11/6/98 1.15	CK	BAT	Lehigh River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02	3.40E-01	1.71E+00		
11/6/98 1.16	CK	CHA	Allen Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.44E+02	3.40E-01	9.52E-02		
11/6/98 1.17	CK	CHA	Sante Fe Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.44E+02	3.40E-01	2.36E-01		
11/6/98 1.18	CK	CHA	Nosho River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.44E+02	3.40E-01	2.71E-01		
11/6/98 1.18	CK	FOR	Walnut Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	1.96E-01		
11/6/98 1.19	CK	FOR	West Flat Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	3.21E-01		
11/6/98 1.20	CK	FOR	Hamilton Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02	3.40E-01	7.82E-02		
11/6/98 1.21	CK	FRE	Salt Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	2.67E-01		
11/6/98 1.21	CK	FRE	Verdigris River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	2.82E-01		
11/6/98 1.22	CK	FRE	Fall River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02	3.40E-01	4.78E-01		
11/6/98 1.23	CK	HAR	Indian Field Swamp	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.99E-01		
11/6/98 1.24	CK	HAR	Walnut Branch	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	1.90E-01		
11/6/98 1.24	CK	HAR	Huttos Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02	3.40E-01	2.36E-01		
11/6/98 1.25	CK	HOL	Huttos Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.25E+02	3.40E-01	2.36E-01		
11/6/98 1.26	CK	HOL	Lake Merkel	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.25E+02	3.40E-01	1.83E-01		
11/6/98 1.27	CK	TEX	Armstrong Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02	3.40E-01	4.64E-01		
11/6/98 1.28	CK	TEX	Massey Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02	3.40E-01	4.76E-01		
11/6/98 1.28	CK	TEX	Mountain Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02	3.40E-01	5.35E-01		

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Suspended Biotic solids Kd (L/Kg)	Hg0 Benthic Sediment Kd (L/Kg)	Hg2 Benthic Sediment Kd (L/Kg)	MHg Benthic Sediment Kd (L/Kg)	R:	erosivity Factor, /yr	K:	erodibility factor, vac	LS:	topographic factor, unitless
11/6/98 1:29	CK	TEX	Waxahachie Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		4.40E-01
11/6/98 1:30	CK	WAM	Connoquenessing Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		2.22E+00
11/6/98 1:31	CK	WAM	Hereford Manor Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		2.55E+00
11/6/98 1:31	CK	WAM	Beaver River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.30E+00
11/6/98 1:32	CK	WAM	Slippery Rock Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.50E+00
11/6/98 1:34	LWAK	ARV	James River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.30E+00
11/6/98 1:34	LWAK	ARV	Sports Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.28E+00
11/6/98 1:35	LWAK	ARV	Holman Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.84E+00
11/6/98 1:36	LWAK	ARV	Rivanna River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.70E+02		3.40E-01		1.70E+00
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		2.59E+00
11/6/98 1:38	LWAK	BRO	McNeely Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		1.38E+00
11/6/98 1:38	LWAK	BRO	Silver Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		1.58E-01
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.80E+02		3.40E-01		1.93E+00
11/6/98 1:40	LWAK	CAS	Cascade Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.26E+00
11/6/98 1:41	LWAK	CAS	Smith River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.66E+00
11/6/98 1:41	LWAK	CAS	Dan River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.40E+00
11/6/98 1:42	LWAK	COH	Troy Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		2.22E+00
11/6/98 1:43	LWAK	COH	Hudson River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.15E+00
11/6/98 1:44	LWAK	COH	Mohawk River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		7.42E-01
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.98E+00
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.60E+02		3.40E-01		1.43E+00
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.60E+02		3.40E-01		1.08E+00
11/6/98 1:47	LWAK	NOR	Lake Tilley	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.60E+02		3.40E-01		1.61E+00
11/6/98 1:48	ONCLarge	334	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		9.88E-01
11/6/98 1:49	ONCLarge	334	Vermillion River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.08E-01
11/6/98 1:50	ONCLarge	334	Colby Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		1.05E+00
11/6/98 1:51	ONCLarge	334	Lake Isabelle	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		3.27E-01
11/6/98 1:52	ONCLarge	463	Blue River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		8.60E-01
11/6/98 1:52	ONCLarge	463	Rock Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		1.40E+00
11/6/98 1:53	ONCLarge	463	Shoal Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		8.94E-01
11/6/98 1:54	ONCLarge	463	Missouri River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.10E+02		3.40E-01		8.75E-01
11/6/98 1:55	ONCLarge	464	Ottawa River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		4.54E-01
11/6/98 1:55	ONCLarge	464	Twin Lakes Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.79E-01
11/6/98 1:56	ONCLarge	464	Metzger/Ferguson Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.79E-01
11/6/98 1:57	ONCLarge	504	Pennsauken Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		3.20E-01
11/6/98 1:58	ONCLarge	504	Darby Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		9.72E-01
11/6/98 1:59	ONCLarge	504	Cooper River Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		3.98E-01
11/6/98 1:59	ONCLarge	504	Schuylkill River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		9.91E-01
11/6/98 2:00	ONCLarge	600	Lake Jackson	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		6.93E-02
11/6/98 2:01	ONCLarge	600	Oyster Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		7.01E-02
11/6/98 2:02	ONCLarge	600	Brazos River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.75E+02		3.40E-01		6.94E-02
11/6/98 2:02	ONCLarge	711	Brechtel Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		6.93E-02
11/6/98 2:03	ONCLarge	711	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.65E+02		3.40E-01		8.65E-01
11/6/98 2:04	ONCLarge	806	Wolf Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		5.94E-01
11/6/98 2:05	ONCLarge	806	Lake George	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		5.94E-01
11/6/98 2:06	ONCLarge	806	Little Calumet River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		2.82E-01
11/6/98 2:06	ONCLarge	806	Grand Calumet River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.55E+02		3.40E-01		5.94E-01
11/6/98 2:07	ONCLarge	915	Genesee River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		6.87E-01
11/6/98 2:08	ONCLarge	915	Irondequoit Bay	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		4.61E-01
11/6/98 2:09	ONCLarge	915	Highland Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		2.66E+00
11/6/98 2:09	ONCLarge	A32	Armand Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.00E+02		3.40E-01		6.93E-02
11/6/98 2:10	ONCLarge	A43	Twelvemile Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		4.80E-01
11/6/98 2:11	ONCLarge	A43	Bergholtz Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		5.50E-01
11/6/98 2:12	ONCLarge	A43	Cayuga Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		4.04E-01
11/6/98 2:13	ONCLarge	A43	Niagara River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	8.00E+01		3.40E-01		4.45E-01
11/6/98 2:13	ONCLarge	A50	Carpenters Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		8.84E-02
11/6/98 2:14	ONCLarge	A50	Highlands Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		6.93E-02
11/6/98 2:15	ONCLarge	A50	Buffalo Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		7.10E-02
11/6/98 2:16	ONCLarge	A50	San Jacinto River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		8.54E-02
11/6/98 2:16	ONCLarge	A62	Caney Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		1.91E-01
11/6/98 2:17	ONCLarge	A62	E & W Fork, Crystal Cr.	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		3.05E-01
11/6/98 2:18	ONCLarge	A62	Stewarts Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		3.51E-01
11/6/98 2:19	ONCLarge	A62	Lewis Creek Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.25E+02		3.40E-01		4.36E-01
11/6/98 2:20	ONCLarge	B20	Cuyahoga River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		1.04E+00
11/6/98 2:20	ONCLarge	B20	Upper and Lower Shaker Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		7.77E-01
11/6/98 2:21	ONCLarge	B20	Euclid Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		8.74E-01
11/6/98 2:22	ONCLarge	B20	Fairmont Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.20E+02		3.40E-01		9.70E-01
11/6/98 2:23	ONCLarge	HAN	Fabis River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		3.04E-01
11/6/98 2:24	ONCLarge	HAN	Spring Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.19E+00
11/6/98 2:24	ONCLarge	HAN	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		8.87E-01
11/6/98 2:25	ONCLarge	KIN	North Fork Holston River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.60E+02		3.40E-01		4.43E+00
11/6/98 2:26	ONCLarge	KIN	Kingsport Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.60E+02		3.40E-01		5.19E+00
11/6/98 2:27	ONCLarge	KIN	South Fork Holston River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.60E+02		3.40E-01		2.53E+00
11/6/98 2:27	ONCLarge	KIN	Reedy Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.60E+02		3.40E-01		2.95E+00
11/6/98 2:28	ONCLarge	MCI	Hals Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.10E+02		3.40E-01		7.40E-01
11/6/98 2:29	ONCLarge	MCI	Helicat Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.10E+02		3.40E-01		1.22E-01
11/6/98 2:30	ONCLarge	MCI	Alabama River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.10E+02		3.40E-01		1.40E-01
11/6/98 2:31	ONCLarge	MCI	Tombigbee River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.10E+02		3.40E-01		2.95E-01
11/6/98 2:31	ONCLarge	MID	Tittabawassee River (plus Sanford Lake)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		1.19E-01
11/6/98 2:32	ONCLarge	MID	Sturgeon Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		1.19E-01
11/6/98 2:33	ONCLarge	MID	Kawkawin River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		1.22E-01
11/6/98 2:34	ONCLarge	MID	Chippewa River (most inclusive data)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	7.50E+01		3.40E-01		1.22E-01
11/6/98 2:35	ONCLarge	STG	Bayou Plaquemine	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		9.52E-02
11/6/98 2:36	ONCLarge	STG										

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Suspended Biotic solids Kd (L/Kg)	Hg0 Benthic Sediment Kd (L/Kg)	Hg2 Benthic Sediment Kd (L/Kg)	MHg Benthic Sediment Kd (L/Kg)	R:	erosivity Factor, /yr	K:	erodibility factor, vac	LS:	topographic factor, unitless
11/6/98 2:40	OINCSmal	340	Proctor Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		2.56E+00
11/6/98 2:40	OINCSmal	340	Fish Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		2.99E+00
11/6/98 2:41	OINCSmal	340	Ohio River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		3.94E+00
11/6/98 2:42	OINCSmal	342	Kalamazoo River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		4.85E-01
11/6/98 2:43	OINCSmal	342	East Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		3.18E-01
11/6/98 2:44	OINCSmal	342	Portage Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		4.83E-01
11/6/98 2:44	OINCSmal	342	Portage River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.31E-01
11/6/98 2:45	OINCSmal	453	Lake Spivey	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		1.80E+00
11/6/98 2:46	OINCSmal	453	Jester Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		1.59E+00
11/6/98 2:47	OINCSmal	453	Flint River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		1.35E+00
11/6/98 2:48	OINCSmal	468	Wissahickon Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		7.66E-01
11/6/98 2:49	OINCSmal	468	Tacony Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		1.23E+00
11/6/98 2:49	OINCSmal	468	Schuykill	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		1.04E+00
11/6/98 2:50	OINCSmal	468	Pickering Creek Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		1.51E+00
11/6/98 2:51	OINCSmal	701	Wabash River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		5.31E-01
11/6/98 2:52	OINCSmal	701	Sugar Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.00E+00
11/6/98 2:53	OINCSmal	701	Big Racoon Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+02		3.40E-01		1.49E+00
11/6/98 2:53	OINCSmal	704	Garvey Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+01		3.40E-01		4.50E-01
11/6/98 2:54	OINCSmal	704	Legg Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+01		3.40E-01		1.83E-01
11/6/98 2:55	OINCSmal	704	Silver Lake Res.	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+01		3.40E-01		7.09E+00
11/6/98 2:56	OINCSmal	708	Grindle Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		1.85E-01
11/6/98 2:57	OINCSmal	708	Parker Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		1.79E-01
11/6/98 2:57	OINCSmal	708	Tranters Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		1.85E-01
11/6/98 2:58	OINCSmal	725	Pascassic River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		8.97E-01
11/6/98 2:59	OINCSmal	725	Silver Lake Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		5.94E-01
11/6/98 3:00	OINCSmal	725	Reservoir No. 2	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		1.48E+00
11/6/98 3:01	OINCSmal	725	Rahway River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		9.62E-01
11/6/98 3:02	OINCSmal	824	Newton Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02		3.40E-01		4.02E-01
11/6/98 3:02	OINCSmal	824	Big Timber Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02		3.40E-01		3.40E-01
11/6/98 3:03	OINCSmal	824	Darby Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02		3.40E-01		8.82E-01
11/6/98 3:04	OINCSmal	824	Schuykill River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.85E+02		3.40E-01		6.76E-01
11/6/98 3:05	OINCSmal	904	Pascagoula River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		1.62E-01
11/6/98 3:06	OINCSmal	904	Escatawpa River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		1.79E-01
11/6/98 3:06	OINCSmal	906	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		7.95E-01
11/6/98 3:07	OINCSmal	906	Coopers Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		1.07E+00
11/6/98 3:09	OINCSmal	906	Eliza Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		1.17E+00
11/6/98 3:10	OINCSmal	906	Muscataine Slough	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.80E+02		3.40E-01		5.58E-02
11/6/98 3:11	OINCSmal	A14	New River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		1.20E-01
11/6/98 3:12	OINCSmal	A14	Bayou Conway	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		8.81E-02
11/6/98 3:13	OINCSmal	A14	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		1.33E-01
11/6/98 3:14	OINCSmal	A14	Bayou Lafourche	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.50E+02		3.40E-01		1.83E-01
11/6/98 3:15	OINCSmal	A26	Big Creek (includes Sulfur Spring Creek)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		1.98E+00
11/6/98 3:16	OINCSmal	A26	Carter Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		8.89E-01
11/6/98 3:17	OINCSmal	A26	Dota Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		2.05E+00
11/6/98 3:18	OINCSmal	A31	Nottaway River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		7.05E-01
11/6/98 3:19	OINCSmal	A31	Chowan River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		3.91E-01
11/6/98 3:20	OINCSmal	A31	Nottaway Swamp (a creek)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		3.21E-01
11/6/98 3:21	OINCSmal	A45	Sheldon Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		7.08E-02
11/6/98 3:22	OINCSmal	A45	Highlands Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		6.93E-01
11/6/98 3:23	OINCSmal	A45	Greens Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		7.63E-02
11/6/98 3:24	OINCSmal	A45	Buffalo Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	3.00E+02		3.40E-01		7.36E-02
11/6/98 3:25	OINCSmal	A46	Little Muskingum River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.08E+00
11/6/98 3:27	OINCSmal	A46	Ohio River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		4.23E+00
11/6/98 3:28	OINCSmal	A46	Middle Island Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.50E+02		3.40E-01		5.72E+00
11/6/98 3:29	OINCSmal	A47	Caney River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		5.55E-01
11/6/98 3:30	OINCSmal	A47	Sand Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		1.39E+00
11/6/98 3:31	OINCSmal	A47	Bar-Dew Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		1.69E+00
11/6/98 3:32	OINCSmal	A47	Lake Hudson	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.50E+02		3.40E-01		1.28E+00
11/6/98 3:33	OINCSmal	A55	Mohawk River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		8.29E-01
11/6/98 3:33	OINCSmal	A55	Acplause Kill River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		1.04E+00
11/6/98 3:34	OINCSmal	A55	Stony Creek Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		9.00E-01
11/6/98 3:35	OINCSmal	A55	Waterveil Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.25E+02		3.40E-01		7.57E-01
11/6/98 3:36	OINCSmal	B18	Gulf Intercostal Waterway	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		7.98E-02
11/6/98 3:37	OINCSmal	B18	Bayou La Butte	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		8.89E-02
11/6/98 3:38	OINCSmal	B18	Mississippi River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		1.43E-01
11/6/98 3:38	OINCSmal	B18	Bayou Manchac	5.00E+05	3.00E+03	5.00E+04	3.00E+03	5.00E+02		3.40E-01		1.37E-01
11/6/98 3:39	OINCSmal	B23	Hillbrant Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.30E+02		3.40E-01		7.46E-02
11/6/98 3:40	OINCSmal	B23	Cow Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.30E+02		3.40E-01		1.15E-01
11/6/98 3:41	OINCSmal	B23	Neches River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.30E+02		3.40E-01		8.23E-02
11/6/98 3:42	OINCSmal	B23	Port Arthur Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.30E+02		3.40E-01		8.44E-02
11/6/98 19:27	OINCSmal	B31	Wassahickon Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		7.42E-01
11/6/98 19:28	OINCSmal	B31	Neshaminy Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		5.17E-01
11/6/98 19:29	OINCSmal	B31	Peace Valley Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		5.04E-01
11/6/98 19:30	OINCSmal	B31	Schuykill River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	1.75E+02		3.40E-01		9.87E-01
11/6/98 3:46	OINCSmal	B32	Cedar Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		8.92E-02
11/6/98 3:47	OINCSmal	B32	Cary Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		8.04E-02
11/6/98 3:48	OINCSmal	B32	Goose Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		7.95E-02
11/6/98 3:48	OINCSmal	B37	Arkansas River	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		1.74E-01
11/6/98 3:49	OINCSmal	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		7.37E-02
11/6/98 3:50	OINCSmal	B37	Yellow Lake	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		9.51E-02
11/6/98 3:51	OINCSmal	B37	Lake Pine Bluff	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.40E+02		3.40E-01		1.95E-01
11/6/98 3:52	OINCSmal	B44	Sheldon Reservoir	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		7.01E-02
11/6/98 3:53	OINCSmal	B44	Greens Bayou	5.00E+05	3.00E+03	5.00E+04	3.00E+03	4.50E+02		3.40E-01		

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	MHg Suspended Biotic solids Kd (L/kg)	Hg0 Benthic Sediment Kd (L/kg)	Hg2 Benthic Sediment Kd (L/kg)	MHg Benthic Sediment Kd (L/kg)	R:	erosivity Factor, /yr K:	erodibility factor, vac. LS:	topographic factor, unitless
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+01	3.40E-01	1.16E-01
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	5.00E+05	3.00E+03	5.00E+04	3.00E+03	2.00E+01	3.40E-01	7.74E+00

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	C: cover management factor, unitless	Ps: support practice factor, unitless	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm3	P: average annual precipitation, cm/yr	I: average annual irrigation
11/6/98 0.17	CINC 209	Lawsons Fork Creek	3.33E-02	8.51E-01	2.54E+01	2.20E-01	1.08E+02	0.00E+00
11/6/98 0.18	CINC 209	Tyger River	3.80E-02	2.54E+01	8.11E-01	2.20E-01	1.08E+02	0.00E+00
11/6/98 0.19	CINC 209	Fair Forest Creek	2.72E-02	9.20E-01	9.20E-01	2.20E-01	1.08E+02	0.00E+00
11/6/98 0.20	CINC 209	Middle Tyger River	4.40E-02	8.43E-01	2.54E+01	2.20E-01	1.08E+02	0.00E+00
11/6/98 0.20	CINC 214	Fish Ponds	7.35E-02	2.54E+01	2.20E-01	2.20E-01	1.44E+02	0.00E+00
11/6/98 0.21	CINC 214	Lake Clause	5.85E-02	6.44E-01	2.25E+01	2.20E-01	1.44E+02	0.00E+00
11/6/98 0.22	CINC 214	University Lake/ City Park Lake	9.82E-03	1.00E+00	2.25E+01	2.20E-01	1.44E+02	0.00E+00
11/6/98 0.23	CINC 214	Comite River	5.46E-02	7.79E-01	2.25E+01	2.20E-01	1.44E+02	0.00E+00
11/6/98 0.24	CINC 221	Highlands Reservoir	8.00E-02	5.00E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 0.25	CINC 221	Sheldon Reservoir	7.23E-02	5.52E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 0.25	CINC 221	San Jacinto River / Houston Lake	3.37E-02	1.27E+01	8.46E-01	2.20E-01	1.19E+02	0.00E+00
11/6/98 0.26	CINC 324	Shades Creek	1.82E-02	9.89E-01	2.54E+01	2.20E-01	1.36E+02	0.00E+00
11/6/98 0.27	CINC 324	Valley Creek	2.83E-02	9.75E-01	2.54E+01	2.20E-01	1.36E+02	0.00E+00
11/6/98 0.28	CINC 324	Bayview Lake	2.13E-02	9.88E-01	2.54E+01	2.20E-01	1.36E+02	0.00E+00
11/6/98 0.28	CINC 324	Cahaba River	1.83E-02	9.92E-01	2.54E+01	2.20E-01	1.36E+02	0.00E+00
11/6/98 0.29	CINC 325	Big Hill Creek	7.60E-02	5.27E-01	7.60E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.30	CINC 325	Potato Creek	7.77E-02	5.16E-01	7.60E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.31	CINC 325	Claymore Creek	7.53E-02	5.32E-01	7.60E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.31	CINC 325	Verdigris River	7.57E-02	5.40E-01	7.60E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.32	CINC 331	Rocky River	6.49E-02	6.54E-01	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 0.33	CINC 331	East Branch Black River	7.00E-02	5.69E-01	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 0.34	CINC 331	Wyleswood Lake	8.00E-02	5.00E-01	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 0.35	CINC 331	Baldwin Lake	2.98E-02	8.53E-01	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 0.35	CINC 359	Kentucky River	4.77E-02	7.27E-01	4.77E+01	2.20E-02	0.00E+00	0.00E+00
11/6/98 0.36	CINC 359	Indian Creek	3.92E-02	7.73E-01	2.03E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 0.37	CINC 359	Indian Kentuck Creek	3.45E-02	8.03E-01	2.03E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 0.38	CINC 359	Ohio River	4.34E-02	7.68E-01	2.03E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 0.39	CINC A15	Tonawanda Creek	2.44E-02	9.55E-01	2.03E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 0.39	CINC A15	Murder Creek	3.12E-02	8.66E-01	2.03E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 0.40	CINC A15	Ellicott Creek	6.56E-02	6.07E-01	2.03E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 0.41	CINC A18	Taylor Bayou	6.58E-02	6.03E-01	1.78E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 0.42	CINC A18	Hillebrandt Bayou	6.61E-02	5.95E-01	1.78E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 0.43	CINC A18	Viterbo Reservoir	8.00E-02	5.00E-01	1.78E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 0.43	CINC CAL	Tennessee River	6.35E-02	6.46E-01	2.03E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 0.44	CINC CAL	Kentucky Lake	8.13E-02	8.81E-01	2.03E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 0.45	CINC CAL	Barkley Lake	2.13E-02	8.92E-01	2.03E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 0.46	CINC CAL	Cumberland River	6.77E-02	6.30E-01	2.03E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 0.46	CINC ELD	Flat Creek	1.57E-02	9.67E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 0.47	CINC ELD	Salt Creek	6.92E-03	9.87E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 0.48	CINC ELD	Calion Lake	6.53E-03	9.91E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 0.49	CINC ELD	Ouachita River	1.01E-02	9.75E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 0.49	CINC SAU	Horsehoe Lake	6.15E-02	6.32E-01	1.27E+01	2.20E-01	9.35E+01	0.00E+00
11/6/98 0.50	CINC SAU	Old Catokas Creek	4.29E-02	1.27E+01	4.29E+01	2.20E-01	9.35E+01	0.00E+00
11/6/98 0.51	CINC SAU	Mississippi River	5.02E-02	8.43E-01	1.27E+01	2.20E-01	9.35E+01	0.00E+00
11/6/98 0.53	CK 202	Elk City Lake	6.23E-02	6.23E-01	7.62E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.54	CK 202	Montgomery County State Park Lake	7.58E-02	5.28E-01	7.62E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.55	CK 202	Verdigris River	7.23E-02	5.66E-01	7.62E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 0.56	CK 203	Catalpa Creek	6.15E-02	6.26E-01	2.41E+01	2.20E-01	1.39E+02	0.00E+00
11/6/98 0.57	CK 203	Gilmer Creek	6.15E-02	6.45E-01	2.41E+01	2.20E-01	1.39E+02	0.00E+00
11/6/98 0.58	CK 203	N. Branch Magowah Creek	6.34E-02	6.11E-01	2.41E+01	2.20E-01	1.39E+02	0.00E+00
11/6/98 0.59	CK 203	Shotbag Creek	4.21E-02	7.53E-01	2.41E+01	2.20E-01	1.39E+02	0.00E+00
11/6/98 1.00	CK 204	Bay Creek	5.98E-02	6.35E-01	1.14E+01	2.20E-01	7.75E+01	0.00E+00
11/6/98 1.01	CK 204	Little Calumet Creek	6.51E-02	6.21E-01	1.14E+01	2.20E-01	7.75E+01	0.00E+00
11/6/98 1.02	CK 204	Upper and Lower Swan Lake	8.00E-02	5.00E-01	1.14E+01	2.20E-01	7.75E+01	0.00E+00
11/6/98 1.03	CK 204	Mississippi River	5.83E-02	6.66E-01	1.14E+01	2.20E-01	7.75E+01	0.00E+00
11/6/98 1.04	CK 302	Maumee River	7.61E-02	5.26E-01	1.27E+01	2.20E-01	9.12E+01	0.00E+00
11/6/98 1.05	CK 302	Auglaize River	7.78E-02	5.30E-01	1.27E+01	2.20E-01	9.12E+01	0.00E+00
11/6/98 1.06	CK 302	Six Mile Creek	9.74E-02	5.42E-01	1.27E+01	2.20E-01	9.12E+01	0.00E+00
11/6/98 1.07	CK 304	Big Walnut Creek	7.16E-02	6.59E-01	1.50E+01	2.20E-01	1.01E+02	0.00E+00
11/6/98 1.08	CK 304	Glenn Flint Lake	7.45E-02	5.49E-01	1.50E+01	2.20E-01	1.01E+02	0.00E+00
11/6/98 1.08	CK 304	Deer Creek	6.79E-02	6.44E-01	1.50E+01	2.20E-01	1.01E+02	0.00E+00
11/6/98 1.09	CK 320	Mud Devils Lake	2.87E-02	9.59E-01	1.27E+01	2.20E-01	7.32E+01	0.00E+00
11/6/98 1.10	CK 320	Thunder Bay River	4.99E-02	7.60E-01	1.27E+01	2.20E-01	7.32E+01	0.00E+00
11/6/98 1.11	CK 320	Long Lake	2.37E-02	9.48E-01	1.27E+01	2.20E-01	7.32E+01	0.00E+00
11/6/98 1.11	CK 321	Black Warrior River (most inclusive data)	5.65E-02	7.20E-01	2.54E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.12	CK 321	Powell Creek	6.87E-02	6.30E-01	2.54E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.13	CK 321	Lake Demopolis	5.65E-02	7.20E-01	2.54E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.14	CK 321	Lake Henry	6.94E-02	7.79E-01	2.54E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.15	CK BAT	Monocacy Creek	8.12E-02	5.85E-01	2.22E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 1.15	CK BAT	Lehigh River	5.60E-02	7.57E-01	2.22E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 1.16	CK CHA	Allen Lake	7.37E-02	5.42E-01	9.40E+00	2.20E-01	1.05E+02	0.00E+00
11/6/98 1.17	CK CHA	Sante Fe Lake	6.22E-02	6.27E-01	9.40E+00	2.20E-01	1.05E+02	0.00E+00
11/6/98 1.18	CK CHA	Noesho River	7.75E-02	5.32E-01	9.40E+00	2.20E-01	1.05E+02	0.00E+00
11/6/98 1.18	CK FOR	Walnut Bayou	4.96E-02	6.06E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 1.19	CK FOR	West Flat Creek	3.27E-02	8.49E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 1.20	CK FOR	Hamilton Lake	5.85E-02	6.43E-01	2.16E+01	2.20E-01	1.16E+02	0.00E+00
11/6/98 1.21	CK FRE	Salt Creek	7.50E-02	5.72E-01	5.10E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 1.21	CK FRE	Verdigris River	6.85E-02	5.90E-01	5.10E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 1.22	CK FRE	Fall River	5.29E-02	6.91E-01	5.10E+00	2.20E-01	7.44E+01	0.00E+00
11/6/98 1.23	CK HAR	Indian Field Swamp	4.96E-02	7.82E-01	1.27E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.24	CK HAR	Walnut Branch	8.83E-02	9.12E-01	1.27E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.24	CK HAR	Huttos Lake	7.66E-02	5.24E-01	1.27E+01	2.20E-01	1.32E+02	0.00E+00
11/6/98 1.25	CK HOL	Huttos Lake	7.66E-02	5.24E-01	1.25E+01	2.20E-01	1.30E+02	0.00E+00
11/6/98 1.26	CK HOL	Lake Merkel	2.61E-02	8.59E-01	1.25E+01	2.20E-01	1.30E+02	0.00E+00
11/6/98 1.27	CK TEX	Armstrong Creek	7.92E-02	5.05E-01	2.50E+00	2.20E-01	8.20E+01	0.00E+00
11/6/98 1.28	CK TEX	Massey Lake	7.94E-02	5.04E-01	2.50E+00	2.20E-01	8.20E+01	0.00E+00
11/6/98 1.28	CK TEX	Mountain Creek	7.94E-02	5.65E-01	2.50E+00	2.20E-01	8.20E+01	0.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	C: cover management factor, unitless	Ps: support practice factor, unitless	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm3	P: average annual precipitation, cm/yr	I: average annual irrigation
11/6/98 1:29	CK	TEX Waxahachie Creek	7.35E-02	5.54E-01	2.50E+00	2.20E-01	2.20E+01	0.00E+00
11/6/98 1:30	CK	WAM Connoquenessing Creek	5.25E-02	1.78E+01	1.78E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 1:31	CK	WAM Hereford Manor Lake	5.13E-02	6.95E-01	1.78E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 1:31	CK	WAM Beaver River	5.83E-02	7.98E-01	1.78E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 1:32	CK	WAM Slippery Rock Creek	7.03E-02	7.03E-01	2.20E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 1:34	LWAK	ARV James River	3.98E-02	8.80E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:34	LWAK	ARV Sports Lake	6.19E-02	8.97E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:35	LWAK	ARV Holman Creek	1.72E-02	9.23E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:36	LWAK	ARV Rivanna River	2.94E-02	8.70E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	5.09E-02	8.91E-01	2.03E+01	2.20E-01	9.88E+01	0.00E+00
11/6/98 1:38	LWAK	BRO McNeely Lake	4.05E-02	4.05E-01	2.03E+01	2.20E-01	9.88E+01	0.00E+00
11/6/98 1:38	LWAK	BRO Silver Lake	1.06E-02	2.03E+01	2.03E+01	2.20E-01	9.88E+01	0.00E+00
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	3.83E-02	8.07E-01	2.03E+01	2.20E-01	9.88E+01	0.00E+00
11/6/98 1:40	LWAK	CAS Cascade Creek	3.96E-02	8.48E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 1:41	LWAK	CAS Smith River	2.28E-02	8.89E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 1:41	LWAK	CAS Dan River	4.08E-02	8.34E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 1:42	LWAK	COH Troy Reservoir	5.43E-02	6.75E-01	2.16E+01	2.20E-01	1.08E+02	0.00E+00
11/6/98 1:43	LWAK	COH Hudson River	3.62E-02	8.55E-01	2.16E+01	2.20E-01	1.08E+02	0.00E+00
11/6/98 1:44	LWAK	COH Mohawk River	3.55E-02	9.11E-01	2.16E+01	2.20E-01	1.08E+02	0.00E+00
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	4.06E-02	7.72E-01	2.16E+01	2.20E-01	1.08E+02	0.00E+00
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	5.52E-02	7.01E-01	2.03E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:46	LWAK	NOR Long Lake/Creek	6.52E-02	6.56E-01	2.03E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:47	LWAK	NOR Lake Tilley	6.34E-02	8.48E-01	2.03E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 1:48	OINCLarge	334 Mississippi River	7.17E-02	6.40E+00	6.40E+00	2.20E-01	7.37E+01	0.00E+00
11/6/98 1:49	OINCLarge	334 Vermillion River	7.66E-02	5.38E-01	6.40E+00	2.20E-01	7.37E+01	0.00E+00
11/6/98 1:50	OINCLarge	334 Colby Lake	8.00E-02	5.00E-01	6.40E+00	2.20E-01	7.37E+01	0.00E+00
11/6/98 1:51	OINCLarge	334 Lake Isabelle	8.62E-03	1.00E+00	6.40E+00	2.20E-01	7.37E+01	0.00E+00
11/6/98 1:52	OINCLarge	463 Blue River	1.93E-02	9.97E-01	8.90E+00	2.20E-01	9.65E+01	0.00E+00
11/6/98 1:52	OINCLarge	463 Rock Creek	9.87E-03	1.00E+00	8.90E+00	2.20E-01	9.65E+01	0.00E+00
11/6/98 1:53	OINCLarge	463 Shosh Creek	5.73E-02	6.75E-01	8.90E+00	2.20E-01	9.65E+01	0.00E+00
11/6/98 1:54	OINCLarge	463 Missouri River	4.57E-02	8.39E-01	8.90E+00	2.20E-01	9.65E+01	0.00E+00
11/6/98 1:55	OINCLarge	464 Ottowa River	7.35E-02	6.15E-01	1.27E+01	2.20E-01	9.32E+01	0.00E+00
11/6/98 1:55	OINCLarge	464 Twin Lakes Reservoir	1.87E-01	1.00E+00	1.27E+01	2.20E-01	9.32E+01	0.00E+00
11/6/98 1:56	OINCLarge	464 Metzger/Ferguson Reservoir	7.60E-02	5.28E-01	1.27E+01	2.20E-01	9.32E+01	0.00E+00
11/6/98 1:57	OINCLarge	504 Pennsauken Creek	4.53E-02	9.72E-01	2.22E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 1:58	OINCLarge	504 Darby Creek	2.75E-02	9.89E-01	2.22E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 1:59	OINCLarge	504 Cooper River Lake	1.41E-02	9.68E-01	2.22E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 1:59	OINCLarge	504 Schuylkill River	2.76E-02	9.82E-01	2.22E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2:00	OINCLarge	600 Lake Jackson	7.36E-01	9.60E-01	6.40E+00	2.20E-01	7.42E+01	0.00E+00
11/6/98 2:01	OINCLarge	600 Oyster Creek	4.27E-02	8.56E-01	6.40E+00	2.20E-01	7.42E+01	0.00E+00
11/6/98 2:02	OINCLarge	600 Brazos River	6.05E-02	8.22E-01	6.40E+00	2.20E-01	7.42E+01	0.00E+00
11/6/98 2:02	OINCLarge	711 Brechtel Lake	1.00E-02	1.00E+00	2.54E+01	2.20E-01	1.54E+02	0.00E+00
11/6/98 2:03	OINCLarge	711 Mississippi River	3.45E-02	9.36E-01	2.54E+01	2.20E-01	1.54E+02	0.00E+00
11/6/98 2:04	OINCLarge	806 Wolf Lake	1.25E-01	1.00E+00	1.27E+01	2.20E-01	8.99E+01	0.00E+00
11/6/98 2:05	OINCLarge	806 Lake George	3.65E-01	1.00E+00	1.27E+01	2.20E-01	8.99E+01	0.00E+00
11/6/98 2:06	OINCLarge	806 Little Calumet River	4.64E-02	9.18E-01	1.27E+01	2.20E-01	8.99E+01	0.00E+00
11/6/98 2:06	OINCLarge	806 Grand Calumet River	7.03E-02	9.90E-01	1.27E+01	2.20E-01	8.99E+01	0.00E+00
11/6/98 2:07	OINCLarge	915 Genesee River	4.94E-02	7.66E-01	1.91E+01	2.20E-01	8.08E+01	0.00E+00
11/6/98 2:08	OINCLarge	915 Irondequoit Bay	3.93E-02	8.93E-01	1.91E+01	2.20E-01	8.08E+01	0.00E+00
11/6/98 2:09	OINCLarge	915 Highland Reservoir	1.00E-02	1.00E+00	1.91E+01	2.20E-01	8.08E+01	0.00E+00
11/6/98 2:09	OINCLarge	A32 Armand Bayou	6.95E-02	6.73E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:10	OINCLarge	A43 Twelvemile Creek	9.71E-03	9.98E-01	2.16E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 2:11	OINCLarge	A43 Bergholtz Creek	1.83E-02	1.00E+00	2.16E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 2:12	OINCLarge	A43 Cayuga Creek	2.38E-02	1.00E+00	2.16E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 2:13	OINCLarge	A43 Niagara River	2.97E-02	9.34E-01	2.16E+01	2.20E-01	9.68E+01	0.00E+00
11/6/98 2:13	OINCLarge	A50 Carpenters Bayou	3.62E-02	8.04E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:14	OINCLarge	A50 Highlands Reservoir	8.00E-02	5.00E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:15	OINCLarge	A50 Buffalo Bayou	3.32E-02	8.79E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:16	OINCLarge	A50 San Jacinto River	3.56E-02	8.32E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:16	OINCLarge	A62 Caney Creek	1.13E-02	9.96E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:17	OINCLarge	A62 E & W Fork, Crystal Cr.	3.79E-02	8.89E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:18	OINCLarge	A62 Stewarts Creek	1.41E-02	9.89E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:19	OINCLarge	A62 Lewis Creek Reservoir	5.34E-03	9.98E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 2:20	OINCLarge	B20 Cuyahoga River	3.18E-02	9.31E-01	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 2:20	OINCLarge	B20 Upper and Lower Shaker Lake	1.00E-02	1.00E+00	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 2:21	OINCLarge	B20 Euclid Creek	1.96E-02	9.26E-01	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 2:22	OINCLarge	B20 Fairmont Reservoir	1.00E-02	1.00E+00	1.27E+01	2.20E-01	9.42E+01	0.00E+00
11/6/98 2:23	OINCLarge	HAN Fabius River	7.77E-02	6.71E-01	1.27E+01	2.20E-01	9.35E+01	0.00E+00
11/6/98 2:24	OINCLarge	HAN Spring Lake	9.61E-03	1.00E+00	1.27E+01	2.20E-01	9.35E+01	0.00E+00
11/6/98 2:24	OINCLarge	HAN Mississippi River	6.87E-02	6.11E-01	1.27E+01	2.20E-01	9.35E+01	0.00E+00
11/6/98 2:25	OINCLarge	KIN North Fork Holston River	2.74E-02	8.59E-01	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2:26	OINCLarge	KIN Kingsport Reservoir	5.00E-03	1.00E+00	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2:27	OINCLarge	KIN South Fork Holston River	5.10E-02	7.43E-01	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2:27	OINCLarge	KIN Reedy Creek	3.25E-02	8.25E-01	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2:28	OINCLarge	MCI Hals Lake	7.10E-03	9.86E-01	2.54E+01	2.20E-01	1.67E+02	0.00E+00
11/6/98 2:29	OINCLarge	MCI Helicat Lake	5.14E-03	1.00E+00	2.54E+01	2.20E-01	1.67E+02	0.00E+00
11/6/98 2:30	OINCLarge	MCI Alabama River	8.09E-03	9.79E-01	2.54E+01	2.20E-01	1.67E+02	0.00E+00
11/6/98 2:31	OINCLarge	MCI Tombigbee River	1.92E-02	9.60E-01	2.54E+01	2.20E-01	1.67E+02	0.00E+00
11/6/98 2:31	OINCLarge	MID Tittabawassee River (plus Sanford Lake)	4.89E-02	7.73E-01	6.40E+00	2.20E-01	7.75E+01	0.00E+00
11/6/98 2:32	OINCLarge	MID Sturgeon Creek	4.19E-02	7.92E-01	6.40E+00	2.20E-01	7.75E+01	0.00E+00
11/6/98 2:33	OINCLarge	MID Kawkawin River	7.22E-02	5.86E-01	6.40E+00	2.20E-01	7.75E+01	0.00E+00
11/6/98 2:34	OINCLarge	MID Chippewa River (most inclusive data)	4.10E-02	8.41E-01	6.40E+00	2.20E-01	7.75E+01	0.00E+00
11/6/98 2:35	OINCLarge	STG Bayou Plaquemine	6.15E-02	6.64E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 2:36	OINCLarge	STG Manchac Bayou	4.98E-02	7.81E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 2:36	OINCLarge	STG Bayou Fountain	6.83E-02	7.27E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 2:37	OINCLarge	STG Mississippi River	6.42E-02	8.93E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 2:39	OINCLarge	340 Sunfish Creek	3.34E-02	8.21E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	C: cover management factor, unitless	Ps: support practice factor, unitless	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm3	P3: average annual precipitation, cm/yr	I: average annual irrigation
11/6/98 2.40	OINCSmall	340 Proctor Creek	2.04E-02	8.98E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.40	OINCSmall	340 Fish Creek	2.45E-02	8.70E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.41	OINCSmall	340 Ohio River	2.56E-02	8.82E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.42	OINCSmall	342 Kalamazoo River	6.62E-02	6.38E-01	1.27E+01	2.20E-01	7.77E+01	0.00E+00
11/6/98 2.43	OINCSmall	342 East Lake	8.00E-02	5.00E-01	2.20E+01	2.20E-01	7.77E+01	0.00E+00
11/6/98 2.44	OINCSmall	342 Portage Creek	5.43E-02	7.35E-01	1.27E+01	2.20E-01	7.77E+01	0.00E+00
11/6/98 2.44	OINCSmall	342 Portage River	7.30E-02	5.48E-01	1.27E+01	2.20E-01	7.77E+01	0.00E+00
11/6/98 2.45	OINCSmall	453 Lake Spivey	6.60E-02	9.20E-01	2.41E+01	2.20E-01	1.27E+02	0.00E+00
11/6/98 2.46	OINCSmall	453 Jester Creek	8.21E-02	9.89E-01	2.41E+01	2.20E-01	1.27E+02	0.00E+00
11/6/98 2.47	OINCSmall	453 Flint River	6.33E-02	9.12E-01	2.41E+01	2.20E-01	1.27E+02	0.00E+00
11/6/98 2.48	OINCSmall	468 Wassahickon Creek	2.97E-02	8.91E-01	2.16E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.49	OINCSmall	468 Tacony Creek	1.14E-02	1.00E+00	2.16E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.49	OINCSmall	468 Schuykill	4.58E-02	8.17E-01	2.16E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.50	OINCSmall	468 Pickering Creek Reservoir	5.37E-02	7.36E-01	2.16E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 2.51	OINCSmall	701 Wabash River	7.51E-02	5.88E-01	1.52E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 2.52	OINCSmall	701 Sugar Creek	4.51E-02	7.33E-01	1.52E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 2.53	OINCSmall	701 Big Racoon Creek	5.31E-02	6.81E-01	1.52E+01	2.20E-01	1.02E+02	0.00E+00
11/6/98 2.53	OINCSmall	704 Ganvey Reservoir	1.00E-02	1.00E+00	1.30E+00	2.20E-01	2.87E+01	0.00E+00
11/6/98 2.54	OINCSmall	704 Legg Lake	4.98E-02	7.16E-01	1.30E+00	2.20E-01	2.87E+01	0.00E+00
11/6/98 2.55	OINCSmall	704 Silver Lake Res.	2.27E-01	1.00E+00	1.30E+00	2.20E-01	2.87E+01	0.00E+00
11/6/98 2.56	OINCSmall	708 Grindle Creek	3.68E-02	7.89E-01	1.40E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 2.57	OINCSmall	708 Parker Creek	8.68E-02	7.53E-01	1.40E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 2.57	OINCSmall	708 Tranters Creek	3.83E-02	7.84E-01	1.40E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 2.58	OINCSmall	725 Passaic River	2.63E-02	1.00E+00	2.54E+01	2.20E-01	1.10E+02	0.00E+00
11/6/98 2.59	OINCSmall	725 Silver Lake Reservoir	1.00E-02	1.00E+00	2.54E+01	2.20E-01	1.10E+02	0.00E+00
11/6/98 3.00	OINCSmall	725 Reservoir No. 2	1.00E-02	1.00E+00	2.54E+01	2.20E-01	1.10E+02	0.00E+00
11/6/98 3.01	OINCSmall	725 Rahway River	1.55E-02	1.00E+00	2.54E+01	2.20E-01	1.10E+02	0.00E+00
11/6/98 3.02	OINCSmall	824 Newton Lake	1.00E-02	1.00E+00	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.02	OINCSmall	824 Big Timber Creek	4.43E-02	9.00E-01	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.03	OINCSmall	824 Darby Creek	2.59E-02	1.00E+00	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.04	OINCSmall	824 Schuykill River	3.90E-02	1.00E+00	2.29E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.05	OINCSmall	904 Pascagoula River	1.92E-02	9.14E-01	3.81E+01	2.20E-01	1.67E+02	0.00E+00
11/6/98 3.06	OINCSmall	904 Escatawpa River	3.33E-02	8.77E-01	3.81E+01	2.20E-01	1.67E+02	0.00E+00
11/6/98 3.06	OINCSmall	906 Mississippi River	6.57E-02	6.59E-01	8.90E+00	2.20E-01	9.42E+01	0.00E+00
11/6/98 3.07	OINCSmall	906 Coopers Creek	7.28E-02	5.49E-01	8.90E+00	2.20E-01	9.42E+01	0.00E+00
11/6/98 3.09	OINCSmall	906 Eliza Creek	7.11E-02	5.62E-01	8.90E+00	2.20E-01	9.42E+01	0.00E+00
11/6/98 3.10	OINCSmall	906 Muscatine Slough	6.00E-02	7.28E-01	8.90E+00	2.20E-01	9.42E+01	0.00E+00
11/6/98 3.11	OINCSmall	A14 New River	3.82E-02	7.88E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.12	OINCSmall	A14 Bayou Conway	6.58E-02	7.19E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.13	OINCSmall	A14 Mississippi River	4.93E-02	8.77E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.14	OINCSmall	A14 Bayou Lafourche	3.32E-02	8.34E-01	2.29E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.15	OINCSmall	A26 Big Creek (includes Sulfur Spring Creek)	5.66E-02	6.56E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.16	OINCSmall	A26 Carter Creek	5.45E-02	6.52E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.17	OINCSmall	A26 Dota Creek	4.81E-02	7.13E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.18	OINCSmall	A31 Nottaway River	3.53E-02	7.99E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 3.19	OINCSmall	A31 Chowan River	4.16E-02	8.02E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 3.20	OINCSmall	A31 Nottaway Swamp (a creek)	3.53E-02	7.99E-01	1.78E+01	2.20E-01	1.09E+02	0.00E+00
11/6/98 3.21	OINCSmall	A45 Sheldon Reservoir	7.88E-02	5.08E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.22	OINCSmall	A45 Highlands Reservoir	8.00E-02	8.00E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.23	OINCSmall	A45 Greens Bayou	1.29E-02	1.27E+01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.24	OINCSmall	A45 Buffalo Bayou	2.83E-02	8.92E-01	1.27E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.25	OINCSmall	A46 Little Muskingum River	1.93E-02	9.05E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.27	OINCSmall	A46 Ohio River	1.80E-02	9.35E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.28	OINCSmall	A46 Middle Island Creek	1.74E-02	9.17E-01	1.78E+01	2.20E-01	1.05E+02	0.00E+00
11/6/98 3.29	OINCSmall	A47 Caney River	5.62E-02	6.83E-01	6.35E+00	2.20E-01	9.88E+01	0.00E+00
11/6/98 3.30	OINCSmall	A47 Sand Creek	9.97E-03	9.80E-01	6.35E+00	2.20E-01	9.88E+01	0.00E+00
11/6/98 3.31	OINCSmall	A47 Bar-Dew Lake	7.75E-03	1.00E+00	6.35E+00	2.20E-01	9.88E+01	0.00E+00
11/6/98 3.32	OINCSmall	A47 Lake Hudson	1.02E-02	9.87E-01	6.35E+00	2.20E-01	9.88E+01	0.00E+00
11/6/98 3.33	OINCSmall	A55 Mohawk River	4.17E-02	8.29E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 3.33	OINCSmall	A55 Apclause Kill River	3.41E-02	8.16E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 3.34	OINCSmall	A55 Stony Creek Reservoir	3.42E-02	8.70E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 3.35	OINCSmall	A55 Waterlief Reservoir	4.34E-02	8.08E-01	2.54E+01	2.20E-01	9.09E+01	0.00E+00
11/6/98 3.36	OINCSmall	B18 Gulf Interoceanal Waterway	2.90E-02	8.60E-01	2.16E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.37	OINCSmall	B18 Bayou La Butte	6.95E-02	6.33E-01	2.16E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.38	OINCSmall	B18 Mississippi River	8.46E-02	8.63E-01	2.16E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.38	OINCSmall	B18 Bayou Manchac	5.32E-02	7.38E-01	2.16E+01	2.20E-01	1.46E+02	0.00E+00
11/6/98 3.39	OINCSmall	B23 Hillbrant Bayou	5.87E-02	6.48E-01	1.40E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 3.40	OINCSmall	B23 Cow Bayou	3.99E-02	9.40E-01	1.40E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 3.41	OINCSmall	B23 Neches River	2.67E-02	9.38E-01	1.40E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 3.42	OINCSmall	B23 Port Arthur Reservoir	1.00E-02	1.00E+00	1.40E+01	2.20E-01	1.41E+02	0.00E+00
11/6/98 19.27	OINCSmall	B31 Wassahickon Creek	3.05E-02	8.87E-01	2.54E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 19.28	OINCSmall	B31 Neshaminy Creek	6.72E-02	6.97E-01	2.54E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 19.29	OINCSmall	B31 Peace Valley Reservoir	1.25E-01	5.84E-01	2.54E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 19.30	OINCSmall	B31 Schuykill River	5.45E-02	7.33E-01	2.54E+01	2.20E-01	1.12E+02	0.00E+00
11/6/98 3.46	OINCSmall	B32 Cedar Bayou	6.18E-02	6.27E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.47	OINCSmall	B32 Cary Bayou	8.48E-02	6.71E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.48	OINCSmall	B32 Goose Creek	6.28E-02	6.28E-01	1.52E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.48	OINCSmall	B37 Arkansas River	4.19E-02	8.00E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.49	OINCSmall	B37 Plum Bayou (includes Black Bayou and Bayou Pete)	7.60E-02	5.29E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.50	OINCSmall	B37 Yellow Lake	2.47E-02	9.35E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.51	OINCSmall	B37 Lake Pine Bluff	1.51E-02	9.82E-01	1.52E+01	2.20E-01	1.07E+02	0.00E+00
11/6/98 3.52	OINCSmall	B44 Sheldon Reservoir	7.85E-02	5.10E-01	1.40E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.53	OINCSmall	B44 Greens Bayou	1.29E-02	9.81E-01	1.40E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.54	OINCSmall	B44 Buffalo Bayou	2.98E-02	8.86E-01	1.40E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.54	OINCSmall	B44 Hunting Bayou	1.82E-02	9.32E-01	1.40E+01	2.20E-01	1.19E+02	0.00E+00
11/6/98 3.55	OINCSmall	TOO Rush Lake	2.19E-02	9.36E-01	1.27E+00	2.20E-01	3.96E+01	0.00E+00
11/6/98 3.56	OINCSmall	TOO Box Elder Wash	1.52E-02	9.66E-01	1.27E+00	2.20E-01	3.96E+01	0.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	C: cover management factor, unitless	Ps: support practice factor, unitless	Ro: average annual runoff, cm/yr	O: soil vol water content, ml/cm3	P: average annual precipitation, cm/yr	I: average annual irrigation
11/6/98 3:57	OINCSmall	TOO	1.00E-02	1.00E+00	1.27E+00	2.20E-01	3.96E+01	0.00E+00
11/6/98 3:58	OINCSmall	TOO	9.58E-03	9.80E-01	1.27E+00	2.20E-01	3.96E+01	0.00E+00

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Ev:	average annual evaptrans, cm/yr	sdel:	sediment delivery ratio to water body	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² -yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)
11/6/98 0.17	CINC	209	Lawsons Fork Creek	7.54E+01	1.13E-01	3.00E+00	8.30E+05	1.33E+07	1.33E+08					
11/6/98 0.18	CINC	209	Tyger River	7.54E+01	4.94E-02	3.00E+00	1.04E+06	2.08E+07	5.37E+08					
11/6/98 0.19	CINC	209	Fair Forest Creek	7.54E+01	1.07E-01	3.00E+00	7.64E+05	1.74E+07	8.81E+07					
11/6/98 0.20	CINC	209	Middle Tyger River	7.54E+01	1.30E-01	3.00E+00	1.19E+06	7.10E+06	1.22E+08					
11/6/98 0.20	CINC	214	Fish Ponds	1.01E+02	2.17E-01	3.00E+00	1.01E+06	6.75E+05	6.75E+05					
11/6/98 0.21	CINC	214	Lake Clause	1.01E+02	1.78E-01	3.00E+00	1.34E+05	2.83E+05	3.25E+06					
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	1.01E+02	3.01E-01	3.00E+00	2.24E+05	5.68E+05	1.40E+05					
11/6/98 0.23	CINC	214	Comite River	1.01E+02	5.18E-02	3.00E+00	2.69E+05	3.72E+06	4.97E+08					
11/6/98 0.24	CINC	221	Highlands Reservoir	8.34E+01	2.03E-01	3.00E+00	6.30E+04	5.23E+04	6.30E+04					
11/6/98 0.25	CINC	221	Sheldon Reservoir	8.34E+01	2.02E-01	3.00E+00	6.36E+04	5.36E+04	6.73E+05					
11/6/98 0.25	CINC	221	San Jacinto River /Houston Lake	8.34E+01	1.19E-01	3.00E+00	5.53E+05	5.67E+05	2.33E+09					
11/6/98 0.26	CINC	324	Shades Creek	9.53E+01	9.53E-01	3.00E+00	8.32E+05	7.79E+06	1.89E+08					
11/6/98 0.27	CINC	324	Valley Creek	9.53E+01	5.06E-02	3.00E+00	1.20E+06	1.21E+07	2.80E+08					
11/6/98 0.28	CINC	324	Bayview Lake	9.53E+01	1.13E-01	3.00E+00	7.08E+05	6.48E+06	4.04E+07					
11/6/98 0.28	CINC	324	Cahaba River	9.53E+01	1.14E-01	3.00E+00	1.04E+06	8.98E+06	3.49E+08					
11/6/98 0.29	CINC	325	Big Hill Creek	5.21E+01	1.18E-01	3.00E+00	2.67E+05	3.39E+06	5.70E+07					
11/6/98 0.30	CINC	325	Polato Creek	5.21E+01	1.33E-01	3.00E+00	2.31E+05	1.31E+06	8.74E+06					
11/6/98 0.31	CINC	325	Claymore Creek	5.21E+01	1.37E-01	3.00E+00	2.09E+05	9.54E+05	6.34E+07					
11/6/98 0.31	CINC	325	Verdigris River	5.21E+01	4.49E-02	3.00E+00	2.53E+05	1.11E+07	1.72E+09					
11/6/98 0.32	CINC	331	Rocky River	6.59E+01	5.17E-02	3.00E+00	1.90E+05	2.99E+06	2.30E+08					
11/6/98 0.33	CINC	331	East Branch Black River	6.59E+01	1.07E-01	3.00E+00	1.75E+05	4.45E+06	1.73E+08					
11/6/98 0.34	CINC	331	Wyleswood Lake	6.59E+01	5.09E-01	3.00E+00	1.81E+05	7.12E+03	1.06E+04					
11/6/98 0.35	CINC	331	Baldwin Lake	6.59E+01	1.39E-01	3.00E+00	1.24E+05	4.92E+05	3.93E+06					
11/6/98 0.35	CINC	359	Kentucky River	7.81E+01	8.95E-02	3.00E+00	1.07E+06	2.21E+07	8.69E+09					
11/6/98 0.36	CINC	359	Indian Creek	7.81E+01	1.18E-01	3.00E+00	1.15E+06	1.40E+07	1.62E+08					
11/6/98 0.37	CINC	359	Indian Kentucky Creek	7.81E+01	1.18E-01	3.00E+00	1.20E+06	1.43E+07	3.15E+07					
11/6/98 0.38	CINC	359	Ohio River	7.81E+01	4.90E-02	3.00E+00	1.09E+06	2.41E+07	9.55E+10					
11/6/98 0.39	CINC	A15	Torawanda Creek	6.77E+01	4.99E-02	3.00E+00	7.37E+04	1.37E+06	4.32E+06					
11/6/98 0.39	CINC	A15	Murder Creek	6.77E+01	1.19E-01	3.00E+00	9.60E+04	1.04E+06	3.59E+07					
11/6/98 0.40	CINC	A15	Ellicott Creek	6.77E+01	5.30E-02	3.00E+00	1.97E+05	2.40E+06	1.41E+08					
11/6/98 0.41	CINC	A18	Taylor Bayou	9.84E+01	5.06E-02	3.00E+00	1.74E+05	3.40E+06	1.73E+08					
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	9.84E+01	1.09E-01	3.00E+00	1.71E+05	4.01E+06	1.26E+07					
11/6/98 0.43	CINC	A18	Viterbo Reservoir	9.84E+01	2.12E-01	3.00E+00	1.85E+05	1.41E+05	6.47E+05					
11/6/98 0.43	CINC	CAL	Tennessee River	7.15E+01	4.87E-02	3.00E+00	6.05E+05	1.40E+07	5.79E+10					
11/6/98 0.44	CINC	CAL	Kentucky Lake	7.15E+01	1.15E-01	3.00E+00	2.22E+06	3.28E+07	2.94E+07					
11/6/98 0.45	CINC	CAL	Barkley Lake	7.15E+01	1.19E-01	3.00E+00	8.71E+05	9.72E+06	2.13E+07					
11/6/98 0.46	CINC	CAL	Cumberland River	7.15E+01	5.21E-02	3.00E+00	1.14E+06	1.63E+07	2.80E+10					
11/6/98 0.46	CINC	ELD	Flat Creek	8.13E+01	1.21E-01	3.00E+00	1.99E+05	1.93E+06	6.62E+07					
11/6/98 0.47	CINC	ELD	Salt Creek	8.13E+01	1.32E-01	3.00E+00	9.13E+04	4.86E+05	1.02E+07					
11/6/98 0.48	CINC	ELD	Calion Lake	8.13E+01	1.31E-01	3.00E+00	9.97E+04	5.41E+05	1.02E+07					
11/6/98 0.49	CINC	ELD	Ouachita River	8.13E+01	5.12E-02	3.00E+00	1.07E+05	1.68E+06	3.60E+09					
11/6/98 0.49	CINC	SAU	Horseshoe Lake	6.55E+01	1.68E-01	3.00E+00	1.03E+05	1.94E+05	3.01E+06					
11/6/98 0.50	CINC	SAU	Old Cahokia Creek	6.55E+01	3.55E-01	3.00E+00	8.35E+05	2.88E+05	1.33E+07					
11/6/98 0.51	CINC	SAU	Mississippi River	6.55E+01	4.45E-02	3.00E+00	4.61E+05	1.07E+07	3.94E+11					
11/6/98 0.53	CK	202	Elk City Lake	5.21E+01	1.20E-01	3.00E+00	1.92E+05	7.39E+06	2.07E+06					
11/6/98 0.54	CK	202	Montgomery County State Park Lake	5.21E+01	1.80E-01	3.00E+00	3.10E+05	6.79E+05	1.00E+06					
11/6/98 0.55	CK	202	Verdigris River	5.21E+01	4.56E-02	3.00E+00	2.19E+05	8.28E+06	1.61E+09					
11/6/98 0.56	CK	203	Catalpa Creek	9.74E+01	5.27E-02	3.00E+00	3.48E+05	5.11E+06	1.08E+08					
11/6/98 0.57	CK	203	Gilmer Creek	9.74E+01	1.17E-01	3.00E+00	7.874E+05	1.34E+06	1.34E+06					
11/6/98 0.58	CK	203	N. Branch Magdowah Creek	9.74E+01	1.36E-01	3.00E+00	3.24E+05	1.59E+06	6.34E+07					
11/6/98 0.59	CK	203	Shotbag Creek	9.74E+01	1.24E-01	3.00E+00	3.78E+05	3.52E+06	6.34E+07					
11/6/98 1.00	CK	204	Bay Creek	5.43E+01	1.17E-01	3.00E+00	8.10E+05	1.12E+07	1.02E+08					
11/6/98 1.01	CK	204	Little Calumet Creek	5.43E+01	1.69E-01	3.00E+00	9.81E+05	3.60E+06	6.62E+07					
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	5.43E+01	2.02E-01	3.00E+00	1.08E+05	1.08E+05	5.98E+05					
11/6/98 1.03	CK	204	Mississippi River	5.43E+01	4.54E-02	3.00E+00	8.52E+05	3.44E+07	3.44E+07					
11/6/98 1.04	CK	302	Maumee River	6.38E+01	4.91E-02	3.00E+00	7.47E+04	1.75E+06	4.56E+10					
11/6/98 1.05	CK	302	Auglaize River	6.38E+01	4.75E-02	3.00E+00	6.57E+04	1.96E+06	5.68E+10					
11/6/98 1.06	CK	302	Six Mile Creek	6.38E+01	1.27E-01	3.00E+00	9.99E+04	7.93E+05	2.30E+09					
11/6/98 1.07	CK	304	Big Walnut Creek	7.04E+01	5.02E-02	3.00E+00	1.24E+06	2.41E+07	3.04E+08					
11/6/98 1.08	CK	304	Glenn Flint Lake	7.04E+01	1.34E-01	3.00E+00	5.98E+05	2.99E+06	6.04E+06					
11/6/98 1.08	CK	304	Deer Creek	7.04E+01	4.08E-01	3.00E+00	1.04E+06	2.33E+07	8.40E+07					
11/6/98 1.09	CK	320	Mud Devils Lake	5.12E+01	1.22E-01	3.00E+00	3.81E+04	3.31E+05	1.07E+07					
11/6/98 1.10	CK	320	Thunder Bay River	5.12E+01	5.12E-02	3.00E+00	1.05E+05	1.60E+06	8.93E+08					
11/6/98 1.11	CK	320	Long Lake	5.12E+01	1.28E-01	3.00E+00	5.26E+04	3.44E+05	7.74E+06					
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	9.21E+01	5.01E-02	3.00E+00	3.63E+05	7.14E+06	5.60E+09					
11/6/98 1.12	CK	321	Powell Creek	9.21E+01	1.15E-01	3.00E+00	7.00E+05	1.02E+07	3.41E+08					
11/6/98 1.13	CK	321	Lake Demopolis	9.21E+01	5.01E-02	3.00E+00	3.63E+05	7.14E+06	1.08E+08					
11/6/98 1.14	CK	321	Lake Henry	9.21E+01	1.98E-01	3.00E+00	8.55E+05	1.74E+06	1.74E+06					
11/6/98 1.15	CK	BAT	Monocacy Creek	7.86E+01	1.17E-01	3.00E+00	8.75E+05	1.20E+07	4.73E+07					
11/6/98 1.15	CK	BAT	Lehigh River	7.86E+01	4.61E-02	3.00E+00	9.61E+05	3.48E+07	2.13E+09					
11/6/98 1.16	CK	CHA	Allen Lake	7.35E+01	3.26E-01	3.00E+00	7.03E+04	2.72E+04	1.25E+05					
11/6/98 1.17	CK	CHA	Sante Fe Lake	7.35E+01	1.88E-01	3.00E+00	1.71E+05	2.72E+05	8.96E+05					
11/6/98 1.18	CK	CHA	Nosho River	7.35E+01	4.56E-02	3.00E+00	2.08E+05	7.58E+06	2.20E+09					
11/6/98 1.18	CK	FOR	Walnut Bayou	8.13E+01	1.33E-01	3.00E+00	1.15E+05	1.89E+06	6.62E+07					
11/6/98 1.19	CK	FOR	West Flat Creek	8.13E+01	1.33E-01	3.00E+00	1.42E+05	7.96E+05	9.46E+06					
11/6/98 1.20	CK	FOR	Hamilton Lake	8.13E+01	1.99E-01	3.00E+00	4.69E+04	5.39E+04	1.30E+06					
11/6/98 1.21	CK	FRE	Salt Creek	5.21E+01	1.31E-01	3.00E+00	1.73E+05	1.06E+06	2.78E+07					
11/6/98 1.21	CK	FRE	Verdigris River	5.21E+01	4.93E-02	3.00E+00	1.73E+05	3.93E+06	1.13E+09					
11/6/98 1.22	CK	FRE	Fall River	5.21E+01	5.02E-02	3.00E+00	2.65E+05	5.31E+06	4.61E+08					
11/6/98 1.23	CK	HAR	Indian Field Swamp	9.21E+01	3.39E-01	3.00E+00	1.76E+05	1.25E+06	1.25E+06					
11/6/98 1.24	CK	HAR	Walnut Branch	9.21E+01	3.98E-01	3.00E+00	7.22E+04	7.38E+03	3.39E+08					
11/6/98 1.24	CK	HAR	Huttos Lake	9.21E+01	3.43E-01	3.00E+00	2.16E+05	6.24E+04	1.11E+05					
11/6/98 1.25	CK	HOL	Huttos Lake	9.07E+01	3.43E-01	3.00E+00	2.34E+05	6.76E+04	1.10E+05					
11/6/98 1.26	CK	HOL	Lake Merkel	9.07E+01	1.91E-01	3.00E+00	1.01E+05	1.55E+05	1.05E+06					
11/6/98 1.27	CK	TEX	Armstrong Creek	5.74E+01	1.26E-01	3.00E+00	3.87E+05	3.13E+06	1.39E+07					
11/6/98 1.28	CK	TEX	Massey Lake	5.74E+01	1.78E-01	3.00E+00	3.97E+05	9.85E+05	3.62E+05					
11/6/98 1.28	CK	TEX	Mountain Creek	5.74E+01	5.15E-02	3.00E+00	5.00E+05	8.39E+06	2.26E+07					

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Ev:	average annual evaptrans, cm/yr	sdel:	sediment delivery ratio to water body	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² -yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)
11/6/98 1:29	CK	TEX	Waxahachie Creek	5.74E+01	1.14E-01	3.00E+00	3.00E+00	3.73E+05	6.21E+06	8.79E+06				
11/6/98 1:30	CK	WAM	Connoquenessing Creek	6.59E+01	5.24E-02	3.00E+00	3.00E+00	8.42E+05	1.06E+07	4.65E+08				
11/6/98 1:31	CK	WAM	Hereford Manor Lake	6.59E+01	2.17E-01	3.00E+00	3.00E+00	8.62E+05	4.59E+05	5.32E+05				
11/6/98 1:31	CK	WAM	Beaver River	6.59E+01	4.90E-02	3.00E+00	3.00E+00	5.75E+05	1.17E+07	3.25E+09				
11/6/98 1:32	CK	WAM	Slippery Rock Creek	6.59E+01	1.14E-01	3.00E+00	3.00E+00	7.59E+05	1.04E+07	1.03E+09				
11/6/98 1:34	LWAK	ARV	James River	7.64E+01	4.53E-02	3.00E+00	3.00E+00	5.88E+05	2.43E+07	3.60E+09				
11/6/98 1:34	LWAK	ARV	Sports Lake	7.64E+01	1.29E-01	3.00E+00	3.00E+00	9.15E+05	6.44E+06	1.01E+07				
11/6/98 1:35	LWAK	ARV	Holman Creek	7.64E+01	1.82E-01	3.00E+00	3.00E+00	3.76E+05	8.07E+05	1.26E+07				
11/6/98 1:36	LWAK	ARV	Rivanna River	7.64E+01	1.09E-01	3.00E+00	3.00E+00	5.60E+05	1.28E+07	3.41E+08				
11/6/98 1:37	LWAK	BRO	Bluelick Creek (includes Clear Run)	6.92E+01	1.70E-01	3.00E+00	3.00E+00	2.50E+06	7.65E+06	1.26E+07				
11/6/98 1:38	LWAK	BRO	McNeely Lake	6.92E+01	1.81E-01	3.00E+00	3.00E+00	9.25E+05	1.87E+06	2.66E+06				
11/6/98 1:39	LWAK	BRO	Silver Lake	6.92E+01	4.74E-01	3.00E+00	3.00E+00	3.40E+04	2.11E+03	3.02E+04				
11/6/98 1:39	LWAK	BRO	Salt River (includes Floyd's Fork)	6.92E+01	4.65E-02	3.00E+00	3.00E+00	1.28E+06	3.89E+07	1.29E+09				
11/6/98 1:40	LWAK	CAS	Cascade Creek	6.36E+01	1.19E-01	3.00E+00	3.00E+00	6.43E+05	7.44E+06	6.34E+07				
11/6/98 1:41	LWAK	CAS	Smith River	6.36E+01	1.07E-01	3.00E+00	3.00E+00	5.11E+05	1.24E+07	5.68E+08				
11/6/98 1:41	LWAK	CAS	Dan River	6.36E+01	1.98E-01	3.00E+00	3.00E+00	7.22E+05	8.14E+05	1.94E+09				
11/6/98 1:42	LWAK	COH	Troy Reservoir	7.56E+01	3.02E-01	3.00E+00	3.00E+00	7.71E+05	3.11E+05	5.30E+05				
11/6/98 1:43	LWAK	COH	Hudson River	7.56E+01	4.59E-02	3.00E+00	3.00E+00	3.39E+05	7.13E+06	1.30E+10				
11/6/98 1:44	LWAK	COH	Mohawk River	7.56E+01	5.31E-02	3.00E+00	3.00E+00	2.27E+05	1.73E+06	5.18E+09				
11/6/98 1:45	LWAK	COH	Tomahannock Reservoir	7.56E+01	1.24E-01	3.00E+00	3.00E+00	5.89E+05	3.12E+06	1.71E+07				
11/6/98 1:45	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	7.61E+01	4.58E-02	3.00E+00	3.00E+00	1.09E+06	4.34E+07	9.74E+08				
11/6/98 1:46	LWAK	NOR	Long Lake/Creek	7.61E+01	1.39E-01	3.00E+00	3.00E+00	9.10E+05	3.93E+06	6.35E+06				
11/6/98 1:47	LWAK	NOR	Lake Tilley	7.61E+01	1.10E-01	3.00E+00	3.00E+00	1.70E+06	3.79E+07	4.13E+07				
11/6/98 1:48	ONCLarge	334	Mississippi River	5.16E+01	5.16E+02	3.00E+00	3.00E+00	5.16E+05	1.80E+07	1.47E+10				
11/6/98 1:49	ONCLarge	334	Vermillion River	5.16E+01	5.04E-02	3.00E+00	3.00E+00	2.38E+05	4.63E+06	7.32E+07				
11/6/98 1:50	ONCLarge	334	Colby Lake	5.16E+01	3.73E-01	3.00E+00	3.00E+00	4.78E+05	7.70E+04	2.88E+04				
11/6/98 1:51	ONCLarge	334	Lake Isabelle	5.16E+01	3.25E-01	3.00E+00	3.00E+00	3.21E+04	1.37E+04	8.72E+04				
11/6/98 1:52	ONCLarge	463	Blue River	6.76E+01	1.09E-01	3.00E+00	3.00E+00	2.64E+05	3.16E+06	8.64E+06				
11/6/98 1:52	ONCLarge	463	Rock Creek	6.76E+01	1.68E-01	3.00E+00	3.00E+00	2.19E+05	4.42E+05	1.45E+07				
11/6/98 1:53	ONCLarge	463	Shoal Creek	6.76E+01	1.13E-01	3.00E+00	3.00E+00	5.49E+05	5.26E+06	2.21E+06				
11/6/98 1:54	ONCLarge	463	Missouri River	6.76E+01	4.58E-02	3.00E+00	3.00E+00	5.34E+05	1.09E+07	3.35E+07				
11/6/98 1:55	ONCLarge	464	Ottawa River	6.52E+01	5.08E-02	3.00E+00	3.00E+00	2.33E+05	2.74E+06	1.53E+08				
11/6/98 1:55	ONCLarge	464	Twin Lakes Reservoir	6.52E+01	3.76E-01	3.00E+00	3.00E+00	1.23E+06	1.21E+05	5.40E+04				
11/6/98 1:56	ONCLarge	464	Metzger/Ferguson Reservoir	6.52E+01	3.13E-01	3.00E+00	3.00E+00	2.64E+05	9.32E+04	2.34E+05				
11/6/98 1:57	ONCLarge	504	Pennsauken Creek	7.36E+01	1.34E-01	3.00E+00	3.00E+00	1.92E+05	5.33E+05	3.88E+07				
11/6/98 1:58	ONCLarge	504	Darby Creek	7.36E+01	1.12E-01	3.00E+00	3.00E+00	3.60E+05	3.61E+06	8.89E+07				
11/6/98 1:59	ONCLarge	504	Cooper River Lake	7.36E+01	1.91E-01	3.00E+00	3.00E+00	7.42E+04	2.50E+05	1.12E+07				
11/6/98 1:59	ONCLarge	504	Schuykill River	7.36E+01	1.12E-01	3.00E+00	3.00E+00	3.66E+05	3.72E+06	2.80E+09				
11/6/98 2:00	ONCLarge	600	Lake Jackson	5.19E+01	3.06E-01	3.00E+00	3.00E+00	1.02E+06	5.70E+05	1.42E+05				
11/6/98 2:01	ONCLarge	600	Oyster Creek	5.19E+01	1.29E-01	3.00E+00	3.00E+00	5.34E+04	3.25E+05	2.98E+08				
11/6/98 2:02	ONCLarge	600	Brazos River	5.19E+01	1.20E-01	3.00E+00	3.00E+00	7.20E+04	7.03E+05	7.20E+09				
11/6/98 2:02	ONCLarge	711	Brechtel Lake	1.08E+02	3.55E-01	3.00E+00	3.00E+00	2.89E+04	6.37E+03	1.70E+05				
11/6/98 2:03	ONCLarge	711	Mississippi River	1.08E+02	1.08E+02	3.00E+00	3.00E+00	1.08E+05	1.04E+06	4.99E+11				
11/6/98 2:04	ONCLarge	806	Wolf Lake	6.29E+01	1.82E-01	3.00E+00	3.00E+00	8.69E+05	7.09E+05	1.54E+06				
11/6/98 2:05	ONCLarge	806	Lake George	6.29E+01	3.18E-01	3.00E+00	3.00E+00	2.55E+06	4.87E+05	2.06E+05				
11/6/98 2:06	ONCLarge	806	Little Calumet River	6.29E+01	4.87E-02	3.00E+00	3.00E+00	1.41E+05	1.35E+06	6.62E+07				
11/6/98 2:06	ONCLarge	806	Grand Calumet River	6.29E+01	1.20E-01	3.00E+00	3.00E+00	4.86E+05	2.11E+06	3.15E+07				
11/6/98 2:07	ONCLarge	915	Genesee River	5.65E+01	5.23E-02	3.00E+00	3.00E+00	1.48E+05	7.78E+05	2.52E+09				
11/6/98 2:08	ONCLarge	915	Irondequoit Bay	5.65E+01	3.00E-01	3.00E+00	3.00E+00	1.89E+05	4.69E+07	4.89E+07				
11/6/98 2:09	ONCLarge	915	Highland Reservoir	5.65E+01	5.99E-01	3.00E+00	3.00E+00	1.51E+05	6.94E+02	4.36E+03				
11/6/98 2:09	ONCLarge	A32	Armand Bayou	8.34E+01	1.16E-01	3.00E+00	3.00E+00	9.82E+04	1.30E+06	1.08E+08				
11/6/98 2:10	ONCLarge	A43	Twelvemile Creek	6.78E+01	1.26E-01	3.00E+00	3.00E+00	2.82E+04	1.08E+05	4.10E+07				
11/6/98 2:11	ONCLarge	A43	Bergholtz Creek	6.78E+01	1.32E-01	3.00E+00	3.00E+00	6.09E+04	1.68E+05	1.34E+07				
11/6/98 2:12	ONCLarge	A43	Cayuga Creek	6.78E+01	1.36E-01	3.00E+00	3.00E+00	5.84E+04	1.29E+05	1.72E+08				
11/6/98 2:13	ONCLarge	A43	Niagara River	6.78E+01	4.68E-02	3.00E+00	3.00E+00	7.49E+04	1.13E+06	8.09E+08				
11/6/98 2:13	ONCLarge	A50	Carpenters Bayou	8.34E+01	1.28E-01	3.00E+00	3.00E+00	8.58E+04	5.51E+05	7.45E+07				
11/6/98 2:14	ONCLarge	A50	Highlands Reservoir	8.34E+01	2.03E-01	3.00E+00	3.00E+00	9.45E+04	8.55E+04	7.92E+05				
11/6/98 2:15	ONCLarge	A50	Buffalo Bayou	8.34E+01	1.09E-01	3.00E+00	3.00E+00	7.07E+04	1.44E+06	3.43E+09				
11/6/98 2:16	ONCLarge	A50	San Jacinto River	8.34E+01	1.22E-01	3.00E+00	3.00E+00	8.63E+04	8.00E+05	2.32E+09				
11/6/98 2:16	ONCLarge	A62	Caney Creek	8.34E+01	1.10E-01	3.00E+00	3.00E+00	6.93E+04	1.28E+06	1.33E+08				
11/6/98 2:17	ONCLarge	A62	E & W Fork, Crystal Cr.	8.34E+01	1.20E-01	3.00E+00	3.00E+00	3.68E+05	3.70E+06	1.10E+08				
11/6/98 2:18	ONCLarge	A62	Stewarts Creek	8.34E+01	1.29E-01	3.00E+00	3.00E+00	1.57E+05	9.79E+05	4.31E+07				
11/6/98 2:19	ONCLarge	A62	Lewis Creek Reservoir	8.34E+01	1.87E-01	3.00E+00	3.00E+00	7.49E+04	1.18E+05	1.25E+06				
11/6/98 2:20	ONCLarge	B20	Cuyahoga River	6.59E+01	5.07E-02	3.00E+00	3.00E+00	2.80E+05	3.15E+06	6.56E+08				
11/6/98 2:20	ONCLarge	B20	Upper and Lower Shaker Lake	6.59E+01	1.81E-01	3.00E+00	3.00E+00	7.07E+04	9.46E+04	1.62E+06				
11/6/98 2:21	ONCLarge	B20	Euclid Creek	6.59E+01	1.30E-01	3.00E+00	3.00E+00	1.44E+05	5.85E+05	3.15E+07				
11/6/98 2:22	ONCLarge	B20	Fairmont Reservoir	6.59E+01	3.89E-01	3.00E+00	3.00E+00	8.82E+04	6.45E+03	4.12E+04				
11/6/98 2:23	ONCLarge	HAN	Fabius River	6.55E+01	1.55E-01	3.00E+00	3.00E+00	5.79E+05	1.43E+06	3.41E+08				
11/6/98 2:24	ONCLarge	HAN	Spring Lake	6.55E+01	4.56E-01	3.00E+00	3.00E+00	1.73E+05	1.58E+04	2.29E+04				
11/6/98 2:24	ONCLarge	HAN	Mississippi River	6.55E+01	4.58E-02	3.00E+00	3.00E+00	5.64E+05	2.23E+07	7.03E+10				
11/6/98 2:25	ONCLarge	KIN	North Fork Holston River	7.34E+01	5.20E-02	3.00E+00	3.00E+00	1.27E+06	1.35E+07	3.41E+08				
11/6/98 2:26	ONCLarge	KIN	Kingsport Reservoir	7.34E+01	3.26E-01	3.00E+00	3.00E+00	3.15E+05	8.94E+04	3.08E+05				
11/6/98 2:27	ONCLarge	KIN	South Fork Holston River	7.34E+01	4.94E-02	3.00E+00	3.00E+00	1.18E+06	1.77E+07	1.61E+09				
11/6/98 2:27	ONCLarge	KIN	Reedy Creek	7.34E+01	1.19E-01	3.00E+00	3.00E+00	7.34E+06	9.01E+06	3.15E+07				
11/6/98 2:28	ONCLarge	MCI	Hals Lake	1.17E+02	1.16E-01	3.00E+00	3.00E+00	1.61E+05	2.37E+06	3.35E+07				
11/6/98 2:29	ONCLarge	MCI	Helicat Lake	1.17E+02	1.91E-01	3.00E+00	3.00E+00	1.95E+04	3.00E+04	2.13E+06				
11/6/98 2:30	ONCLarge	MCI	Alabama River	1.17E+02	1.09E-01	3.00E+00	3.00E+00	3.44E+04	7.73E+05	2.08E+10				
11/6/98 2:31	ONCLarge	MCI	Tombigbee River	1.17E+02	4.68E-02	3.00E+00	3.00E+00	1.69E+05	5.58E+06	1.64E+10				
11/6/98 2:31	ONCLarge	MID	Titabawassee River (plus Sanford Lake)	5.43E+01	5.10E-02	3.00E+00	3.00E+00	2.55E+04	3.08E+05	1.61E+09				
11/6/98 2:32	ONCLarge	MID	Sturgeon Creek	5.43E+01	1.15E-01	3.00E+00	3.00E+00	2.22E+04	2.39E+03	6.62E+07				
11/6/98 2:33	ONCLarge	MID	Kawkawin River	5.43E+01	5.33E-02	3.00E+00	3.00E+00	2.94E+04	6.62E+07	6.62E+07				
11/6/98 2:34	ONCLarge	MID	Chippewa River (most inclusive data)	5.43E+01	1.20E-01	3.00E+00	3.00E+00	2.40E+04	1.88E+05	3.41E+08				
11/6/98 2:35	ONCLarge	STG	Bayou Plaquemine	1.02E+02	1.88E-01	3.00E+00	3.00E+00	1.47E+05	2.44E+05	1.34E+07				
11/6/98 2:36	ONCLarge	STG	Manchac Bayou	1.02E+02	5.10E-02	3.00E+00	3.00E+00	4.07E+05	7.01E+06	1.19E+08				
11/6/98 2:36	ONCLarge	STG	Bayou Fountain	1.02E+02	1.19E-01	3.00E+00	3.00E+00	4.54E+05	5.23E+06	5.23E+07				
11/6/98 2:37	ONCLarge	STG	Mississippi River	1.02E+02	1.18E-01	3.00E+00	3.00E+00	3.69E+05	4.71E+06	4.17E+11				
11/6/98 2:39	ONCLarge	340	Sunfish Creek	7.36E+01	1.16E-01	3.00E+00	3.00E+00	2.08E+06	2.97E+07	1.17E+08				

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Ev:	average annual evaptrans, cm/yr	sdel:	sediment delivery ratio to water body	ef:	pollutant enrichment factor	Xe:	sediment loss rate, kg/km ² -yr	L S:	sed. erosion to receiving water, kg/yr	Dilution	Outflow (m3/yr)
11/6/98 2:40	OINCSmal	340	Proctor Creek	7.36E+01		1.29E-01		3.00E+00		5.31E+05		3.57E+06		6.34E+07
11/6/98 2:40	OINCSmal	340	Fish Creek	7.36E+01		5.29E-02		3.00E+00		7.23E+05		2.01E+06		2.01E+08
11/6/98 2:41	OINCSmal	340	Ohio River	7.36E+01		4.46E-02		3.00E+00		1.01E+06		4.51E+07		3.49E+10
11/6/98 2:42	OINCSmal	342	Kalamazoo River	5.44E+01		4.89E-02		3.00E+00		2.33E+05		2.98E+06		1.01E+09
11/6/98 2:43	OINCSmal	342	East Lake	5.44E+01		1.90E-01		3.00E+00		1.45E+05		1.21E+06		1.10E+06
11/6/98 2:44	OINCSmal	342	Portage Creek	5.44E+01		1.15E-01		3.00E+00		2.19E+05		1.84E+06		4.83E+07
11/6/98 2:44	OINCSmal	342	Portage River	5.44E+01		5.01E-02		3.00E+00		2.41E+05		2.58E+06		6.38E+07
11/6/98 2:45	OINCSmal	453	Lake Spivey	8.86E+01		1.40E-01		3.00E+00		2.48E+06		4.80E+06		7.02E+06
11/6/98 2:46	OINCSmal	453	Jester Creek	8.86E+01		1.40E-01		3.00E+00		2.93E+06		5.72E+06		3.15E+07
11/6/98 2:47	OINCSmal	453	Flint River	8.86E+01		5.27E-02		3.00E+00		1.78E+06		1.25E+07		1.20E+08
11/6/98 2:48	OINCSmal	468	Wissahickon Creek	7.36E+01		1.13E-01		3.00E+00		2.77E+05		2.40E+06		8.59E+07
11/6/98 2:49	OINCSmal	468	Tacony Creek	7.36E+01		2.36E-01		3.00E+00		1.91E+05		8.74E+05		2.37E+07
11/6/98 2:49	OINCSmal	468	Schuykill	7.36E+01		4.81E-02		3.00E+00		5.32E+05		7.14E+06		2.80E+09
11/6/98 2:50	OINCSmal	468	Pickering Creek Reservoir	7.36E+01		1.68E-01		3.00E+00		8.13E+05		1.51E+06		5.05E+06
11/6/98 2:51	OINCSmal	701	Wabash River	7.15E+01		4.63E-02		3.00E+00		3.55E+05		1.30E+07		9.21E+09
11/6/98 2:52	OINCSmal	701	Sugar Creek	7.15E+01		1.32E-01		3.00E+00		5.02E+05		3.08E+06		6.26E+08
11/6/98 2:53	OINCSmal	701	Big Racoon Creek	7.15E+01		5.10E-02		3.00E+00		8.16E+05		1.52E+07		4.70E+08
11/6/98 2:53	OINCSmal	704	Garvey Reservoir	2.01E+01		4.88E-01		3.00E+00		1.70E+04		2.92E+02		1.52E+03
11/6/98 2:54	OINCSmal	704	Legg Lake	2.01E+01		4.79E-01		3.00E+00		2.47E+04		4.82E+02		1.76E+03
11/6/98 2:55	OINCSmal	704	Silver Lake Res.	2.01E+01		3.29E-01		3.00E+00		6.10E+06		7.47E+05		1.61E+04
11/6/98 2:56	OINCSmal	708	Grindle Creek	7.47E+01		1.09E-01		3.00E+00		1.22E+05		2.50E+06		6.62E+07
11/6/98 2:57	OINCSmal	708	Parker Creek	7.47E+01		1.41E-01		3.00E+00		2.66E+05		8.97E+05		1.26E+07
11/6/98 2:57	OINCSmal	708	Tranters Creek	7.47E+01		1.09E-01		3.00E+00		1.26E+05		2.71E+06		3.41E+08
11/6/98 2:58	OINCSmal	725	Passaic River	7.67E+01		3.14E-01		3.00E+00		3.67E+05		1.02E+06		1.22E+09
11/6/98 2:59	OINCSmal	725	Silver Lake Reservoir	7.67E+01		4.71E-01		3.00E+00		7.87E+04		3.38E+03		4.00E+04
11/6/98 3:00	OINCSmal	725	Reservoir No. 2	7.67E+01		5.67E-01		3.00E+00		1.96E+05		2.27E+03		8.94E+03
11/6/98 3:01	OINCSmal	725	Rahway River	7.67E+01		3.51E-01		3.00E+00		1.97E+05		2.94E+04		1.54E+08
11/6/98 3:02	OINCSmal	824	Newton Lake	7.36E+01		1.83E-01		3.00E+00		5.64E+04		7.95E+04		2.73E+06
11/6/98 3:02	OINCSmal	824	Big Timber Creek	7.36E+01		1.16E-01		3.00E+00		1.90E+05		1.92E+06		8.10E+07
11/6/98 3:03	OINCSmal	824	Darby Creek	7.36E+01		1.15E-01		3.00E+00		3.20E+05		3.39E+06		8.80E+07
11/6/98 3:04	OINCSmal	824	Schuykill River	7.36E+01		1.21E-01		3.00E+00		3.70E+05		2.68E+06		2.80E+09
11/6/98 3:05	OINCSmal	904	Pascagoula River	1.17E+02		1.31E-01		3.00E+00		1.19E+05		6.05E+05		1.41E+10
11/6/98 3:06	OINCSmal	904	Escatawpa River	1.17E+02		1.11E-01		3.00E+00		2.18E+05		3.55E+06		2.32E+09
11/6/98 3:06	OINCSmal	906	Mississippi River	6.59E+01		4.86E-02		3.00E+00		4.69E+05		1.18E+07		4.88E+10
11/6/98 3:07	OINCSmal	906	Coopers Creek	6.59E+01		1.20E-01		3.00E+00		5.82E+05		6.63E+06		9.63E+07
11/6/98 3:09	OINCSmal	906	Eliza Creek	6.59E+01		1.21E-01		3.00E+00		6.39E+05		6.94E+06		1.05E+08
11/6/98 3:10	OINCSmal	906	Muscataine Slough	6.59E+01		1.42E-01		3.00E+00		3.35E+05		5.39E+06		6.32E+08
11/6/98 3:11	OINCSmal	A14	New River	1.02E+02		1.08E-01		3.00E+00		1.51E+05		3.28E+06		1.07E+08
11/6/98 3:12	OINCSmal	A14	Bayou Conway	1.02E+02		1.16E-01		3.00E+00		1.74E+05		2.49E+06		6.32E+07
11/6/98 3:13	OINCSmal	A14	Mississippi River	1.02E+02		1.25E-01		3.00E+00		2.40E+05		2.00E+06		4.16E+11
11/6/98 3:14	OINCSmal	A14	Bayou Lafourche	1.02E+02		2.13E-01		3.00E+00		2.11E+05		1.47E+05		2.29E+08
11/6/98 3:15	OINCSmal	A26	Big Creek (includes Sulfur Spring Creek)	7.47E+01		1.32E-01		3.00E+00		1.34E+06		8.21E+06		1.26E+07
11/6/98 3:16	OINCSmal	A26	Carter Creek	7.47E+01		3.43E-01		3.00E+00		7.47E+05		7.25E+07		6.92E+07
11/6/98 3:17	OINCSmal	A26	Dota Creek	7.47E+01		1.13E-01		3.00E+00		1.28E+06		2.35E+07		3.41E+08
11/6/98 3:18	OINCSmal	A31	Nottaway River	7.64E+01		4.94E-02		3.00E+00		3.77E+05		1.29E+06		8.10E+09
11/6/98 3:19	OINCSmal	A31	Chowan River	7.64E+01		4.80E-02		3.00E+00		2.47E+05		6.56E+06		3.60E+09
11/6/98 3:20	OINCSmal	A31	Nottaway Swamp (a creek)	7.64E+01		1.24E-01		3.00E+00		1.72E+05		1.49E+06		6.62E+07
11/6/98 3:21	OINCSmal	A45	Sheldon Reservoir	8.34E+01		2.02E-01		3.00E+00		6.44E+04		4.95E+04		6.73E+05
11/6/98 3:22	OINCSmal	A45	Highlands Reservoir	8.34E+01		3.40E-01		3.00E+00		8.34E+05		6.62E+05		8.62E+06
11/6/98 3:23	OINCSmal	A45	Greens Bayou	8.34E+01		1.20E-01		3.00E+00		2.19E+04		1.85E+05		4.73E+07
11/6/98 3:24	OINCSmal	A45	Buffalo Bayou	8.34E+01		5.07E-02		3.00E+00		4.23E+04		5.95E+05		2.84E+08
11/6/98 3:25	OINCSmal	A46	Little Muskingum River	7.36E+01		5.07E-02		3.00E+00		1.01E+06		1.01E+07		2.30E+08
11/6/98 3:27	OINCSmal	A46	Ohio River	7.36E+01		5.13E-02		3.00E+00		8.10E+05		1.44E+07		2.52E+10
11/6/98 3:28	OINCSmal	A46	Middle Island Creek	7.36E+01		4.93E-02		3.00E+00		1.04E+06		2.45E+07		3.41E+08
11/6/98 3:29	OINCSmal	A47	Caney River	6.92E+01		4.69E-02		3.00E+00		4.04E+05		1.17E+07		3.41E+08
11/6/98 3:30	OINCSmal	A47	Sand Creek	6.92E+01		5.18E-02		3.00E+00		2.58E+05		3.70E+06		6.62E+07
11/6/98 3:31	OINCSmal	A47	Bar-Dew Lake	6.92E+01		2.04E-01		3.00E+00		2.48E+05		2.13E+05		3.15E+05
11/6/98 3:32	OINCSmal	A47	Lake Hudson	6.92E+01		1.39E-01		3.00E+00		2.45E+05		9.04E+05		1.98E+06
11/6/98 3:33	OINCSmal	A55	Mohawk River	6.36E+01		4.68E-02		3.00E+00		2.72E+05		4.98E+06		8.26E+09
11/6/98 3:33	OINCSmal	A55	Applause Kill River	6.36E+01		1.14E-01		3.00E+00		2.75E+05		4.17E+06		8.89E+07
11/6/98 3:34	OINCSmal	A55	Stony Creek Reservoir	6.36E+01		1.41E-01		3.00E+00		2.54E+05		8.72E+05		6.94E+06
11/6/98 3:35	OINCSmal	A55	Waterfall Reservoir	6.36E+01		1.97E-01		3.00E+00		2.51E+05		5.81E+06		6.14E+07
11/6/98 3:36	OINCSmal	B18	Gulf Intercoastal Waterway	1.02E+02		5.19E-02		3.00E+00		7.55E+04		1.07E+06		6.50E+08
11/6/98 3:37	OINCSmal	B18	Bayou La Butte	1.02E+02		1.31E-01		3.00E+00		1.48E+05		8.10E+05		6.34E+07
11/6/98 3:38	OINCSmal	B18	Mississippi River	1.02E+02		1.19E-01		3.00E+00		3.96E+05		4.41E+06		4.17E+11
11/6/98 3:38	OINCSmal	B18	Bayou Manchac	1.02E+02		5.30E-02		3.00E+00		2.04E+05		2.51E+06		3.69E+07
11/6/98 3:39	OINCSmal	B23	Hillbrandt Bayou	9.84E+01		1.18E-01		3.00E+00		9.25E+04		9.04E+05		1.31E+08
11/6/98 3:40	OINCSmal	B23	Cow Bayou	9.84E+01		1.90E-01		3.00E+00		1.31E+05		1.14E+06		2.12E+08
11/6/98 3:41	OINCSmal	B23	Neches River	9.84E+01		1.20E-01		3.00E+00		6.71E+04		5.73E+05		7.27E+09
11/6/98 3:42	OINCSmal	B23	Port Arthur Reservoir	9.84E+01		3.51E-01		3.00E+00		2.75E+04		5.16E+03		1.04E+05
11/6/98 19:27	OINCSmal	B31	Wassahickon Creek	7.86E+01		1.14E-01		3.00E+00		2.68E+05		3.37E+06		7.78E+07
11/6/98 19:28	OINCSmal	B31	Neshaminy Creek	7.86E+01		1.13E-01		3.00E+00		3.21E+05		4.20E+06		3.36E+08
11/6/98 19:29	OINCSmal	B31	Pease Valley Reservoir	7.86E+01		1.74E-01		3.00E+00		4.90E+05		1.07E+06		4.44E+06
11/6/98 19:30	OINCSmal	B31	Schuykill River	7.86E+01		4.69E-02		3.00E+00		5.29E+05		1.28E+07		2.63E+09
11/6/98 3:46	OINCSmal	B32	Cedar Bayou	8.34E+01		1.08E-01		3.00E+00		1.18E+05		2.07E+06		3.31E+08
11/6/98 3:47	OINCSmal	B32	Cary Bayou	8.34E+01		1.80E-01		3.00E+00		1.56E+05		2.61E+05		2.77E+06
11/6/98 3:48	OINCSmal	B32	Goose Creek	8.34E+01		1.26E-01		3.00E+00		1.07E+05		6.18E+05		7.68E+06
11/6/98 3:48	OINCSmal	B37	Arkansas River	7.47E+01		5.00E-02		3.00E+00		1.06E+05		1.48E+06		3.80E+10
11/6/98 3:49	OINCSmal	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	7.47E+01		1.09E-01		3.00E+00		5.39E+04		7.96E+05		6.34E+07
11/6/98 3:50	OINCSmal	B37	Yellow Lake	7.47E+01		1.91E-01		3.00E+00		3.99E+04		4.12E+04		1.27E+06
11/6/98 3:51	OINCSmal	B44	Lake Pine Bluff	7.47E+01		1.19E-01		3.00E+00		5.27E+04		4.46E+05		1.68E+07
11/6/98 3:52	OINCSmal	B44	Sheldon Reservoir	8.34E+01		2.03E-01		3.00E+00		9.57E+04		7.20E+04		7.24E+05
11/6/98 3:53	OINCSmal	B44	Greens Bayou	8.34E+01		1.20E-01		3.00E+00						

Inputs Used for Beyond the Floor Emissions

calculated

calculated

Facility	Site	Waterbody	Ev: average annual evapotrans, cm/yr	sdel: sediment delivery ratio to water body	ef: pollutant enrichment factor	Xe: sediment loss rate, kg/km ² -yr	L S: sed. erosion to receiving water, kg/yr	Dilution Outflow (m3/yr)	
11/6/98 3:57	OINCSmall	TOO	Blue Lakes	2.77E+01	3.35E-01	3.00E+00	1.76E+03	5.22E+02	1.41E+04
11/6/98 3:58	OINCSmall	TOO	Soldier Creek	2.77E+01	1.35E-01	3.00E+00	1.10E+05	4.72E+05	1.32E+07

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)	Suspended Sediment Concentration (g/m ³ -mg(sediment)/L(water column))	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)	
11/6/98 0.17	CINC	209	Lawsons Fork Creek	1.00E-03	7.30E+02	2.34E-01	5.06E+01	2.60E-01	1.58E-01	1.28E+06
11/6/98 0.18	CINC	209	Tyger River	1.00E-03	7.30E+02	2.34E-01	2.83E+01	1.58E-01	1.58E-01	5.84E+06
11/6/98 0.19	CINC	209	Fair Forest Creek	1.00E-03	7.30E+02	2.34E-01	7.38E+01	4.86E-01	1.58E-01	9.78E+05
11/6/98 0.20	CINC	209	Middle Tyger River	1.00E-03	7.30E+02	2.34E-01	3.94E+01	1.50E-01	1.58E-01	6.69E+05
11/6/98 0.20	CINC	214	Fish Ponds	1.00E-03	7.30E+02	7.30E-03	3.80E-01	7.50E-03	1.58E-01	9.74E+06
11/6/98 0.21	CINC	214	Lake Clause	1.00E-03	7.30E+02	3.70E-01	3.90E+01	1.63E-02	1.58E-01	6.87E+05
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	1.00E-03	7.30E+02	3.70E-01	3.82E+01	9.04E-03	1.58E-01	2.91E+06
11/6/98 0.23	CINC	214	Comite River	1.00E-03	7.30E+02	1.69E+00	6.72E+01	0.00E+00	1.58E-01	1.38E+06
11/6/98 0.24	CINC	221	Highlands Reservoir	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.35E-03	1.58E-01	6.15E+06
11/6/98 0.25	CINC	221	Sheldon Reservoir	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.34E-03	1.58E-01	1.72E+07
11/6/98 0.25	CINC	221	San Jacinto River /Houston Lake	1.00E-03	7.30E+02	7.01E-01	6.07E+01	0.00E+00	1.58E-01	5.55E+07
11/6/98 0.26	CINC	324	Shades Creek	1.00E-03	7.30E+02	2.34E-01	3.00E+01	5.99E-02	1.58E-01	1.60E+06
11/6/98 0.27	CINC	324	Valley Creek	1.00E-03	7.30E+02	2.34E-01	2.95E+01	5.49E-02	1.58E-01	3.12E+06
11/6/98 0.28	CINC	324	Bayview Lake	1.00E-03	7.30E+02	5.84E-02	1.10E+01	5.42E-02	1.58E-01	5.43E+06
11/6/98 0.28	CINC	324	Cahaba River	1.00E-03	7.30E+02	2.34E-01	2.47E+01	7.51E-03	1.58E-01	2.37E+06
11/6/98 0.29	CINC	325	Big Hill Creek	1.00E-03	7.30E+02	2.01E+00	1.60E+02	0.00E+00	1.58E-01	5.57E+05
11/6/98 0.30	CINC	325	Potato Creek	1.00E-03	7.30E+02	2.01E+00	1.81E+02	0.00E+00	1.58E-01	5.04E+04
11/6/98 0.31	CINC	325	Claymore Creek	1.00E-03	7.30E+02	2.01E+00	1.40E+02	0.00E+00	1.58E-01	5.39E+05
11/6/98 0.31	CINC	325	Verdigris River	1.00E-03	7.30E+02	2.01E+00	1.00E+02	0.00E+00	1.58E-01	6.79E+06
11/6/98 0.32	CINC	331	Rocky River	1.00E-03	7.30E+02	2.04E-01	1.92E+01	0.00E+00	1.58E-01	3.57E+06
11/6/98 0.33	CINC	331	East Branch Black River	1.00E-03	7.30E+02	2.04E-01	2.25E+01	1.58E-02	1.58E-01	1.69E+06
11/6/98 0.34	CINC	331	Wyleswood Lake	1.00E-03	7.30E+02	5.84E-02	6.21E+00	9.32E-03	1.58E-01	1.53E+05
11/6/98 0.35	CINC	331	Baldwin Lake	1.00E-03	7.30E+02	5.84E-02	1.09E+01	5.30E-02	1.58E-01	4.11E+05
11/6/98 0.35	CINC	359	Kentucky River	1.00E-03	7.30E+02	2.63E-01	6.80E+00	0.00E+00	1.58E-01	1.85E+06
11/6/98 0.36	CINC	359	Indian Creek	1.00E-03	7.30E+02	2.63E-01	6.71E+01	3.90E-01	1.58E-01	3.43E+05
11/6/98 0.37	CINC	359	Indian Kentucky Creek	1.00E-03	7.30E+02	2.63E-01	1.48E+02	1.18E+00	1.58E-01	3.52E+05
11/6/98 0.38	CINC	359	Ohio River	1.00E-03	7.30E+02	2.63E-01	3.79E+00	0.00E+00	1.58E-01	6.49E+07
11/6/98 0.39	CINC	A15	Tonawanda Creek	1.00E-03	7.30E+02	2.04E-01	1.63E+01	0.00E+00	1.58E-01	5.37E+06
11/6/98 0.39	CINC	A15	Murder Creek	1.00E-03	7.30E+02	2.04E-01	2.37E+01	2.77E-02	1.58E-01	3.16E+05
11/6/98 0.40	CINC	A15	Elicott Creek	1.00E-03	7.30E+02	2.04E-01	2.00E+01	0.00E+00	1.58E-01	1.87E+06
11/6/98 0.41	CINC	A18	Taylor Bayou	1.00E-03	7.30E+02	7.01E-01	5.28E+01	0.00E+00	1.58E-01	1.34E+06
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	1.00E-03	7.30E+02	7.01E-01	1.03E+02	3.05E-01	1.58E-01	3.92E+05
11/6/98 0.43	CINC	A18	Viterbo Reservoir	1.00E-03	7.30E+02	6.81E-01	7.02E+01	9.27E-03	1.58E-01	2.07E+06
11/6/98 0.43	CINC	CAL	Tennessee River	1.00E-03	7.30E+02	1.46E-01	1.30E+00	0.00E+00	1.58E-01	1.99E+07
11/6/98 0.44	CINC	CAL	Kentucky Lake	1.00E-03	7.30E+02	5.84E-02	6.80E+00	1.51E-02	1.58E-01	1.82E+08
11/6/98 0.45	CINC	CAL	Barkley Lake	1.00E-03	7.30E+02	5.84E-02	6.37E+00	1.09E-02	1.58E-01	1.15E+08
11/6/98 0.46	CINC	CAL	Cumbeband River	1.00E-03	7.30E+02	2.63E-01	4.39E+00	0.00E+00	1.58E-01	2.19E+07
11/6/98 0.46	CINC	ELD	Flat Creek	1.00E-03	7.30E+02	1.59E+00	1.13E+02	0.00E+00	1.58E-01	4.98E+05
11/6/98 0.47	CINC	ELD	Salt Creek	1.00E-03	7.30E+02	1.59E+00	1.53E+02	0.00E+00	1.58E-01	4.74E+05
11/6/98 0.48	CINC	ELD	Calion Lake	1.00E-03	7.30E+02	3.70E-01	3.81E+01	7.96E-03	1.58E-01	6.33E+06
11/6/98 0.49	CINC	ELD	Ouachita River	1.00E-03	7.30E+02	1.59E+00	4.52E+01	0.00E+00	1.58E-01	6.10E+06
11/6/98 0.49	CINC	SAU	Horsehoe Lake	1.00E-03	7.30E+02	3.70E-01	3.80E+01	7.43E-03	1.58E-01	2.95E+07
11/6/98 0.50	CINC	SAU	Old Catokas Creek	1.00E-03	7.30E+02	6.82E-01	4.63E+01	0.00E+00	1.58E-01	7.59E+04
11/6/98 0.51	CINC	SAU	Mississippi River	1.00E-03	7.30E+02	6.82E-01	3.18E+00	0.00E+00	1.58E-01	8.53E+07
11/6/98 0.53	CK	202	Elk City Lake	1.00E-03	7.30E+02	6.81E-01	7.02E+01	8.91E-03	1.58E-01	4.17E+07
11/6/98 0.54	CK	202	Montgomery County State Park Lake	1.00E-03	7.30E+02	6.81E-01	7.23E+01	2.97E-02	1.58E-01	1.17E+06
11/6/98 0.55	CK	202	Verdigris River	1.00E-03	7.30E+02	2.01E+00	1.25E+02	0.00E+00	1.58E-01	1.07E+07
11/6/98 0.56	CK	203	Catalpa Creek	1.00E-03	7.30E+02	2.34E-01	2.93E+01	5.38E-02	1.58E-01	1.69E+06
11/6/98 0.57	CK	203	Gilmer Creek	1.00E-03	7.30E+02	2.34E-01	6.56E+01	4.09E-01	1.58E-01	1.58E+06
11/6/98 0.58	CK	203	N. Branch Magowah Creek	1.00E-03	7.30E+02	2.34E-01	2.44E+01	4.71E-03	1.58E-01	5.25E+05
11/6/98 0.59	CK	203	Shoatbag Creek	1.00E-03	7.30E+02	2.34E-01	3.43E+01	1.02E-01	1.58E-01	5.81E+05
11/6/98 1.00	CK	204	Bay Creek	1.00E-03	7.30E+02	6.62E-01	7.76E+01	9.39E-02	1.58E-01	8.89E+05
11/6/98 1.01	CK	204	Little Calumet Creek	1.00E-03	7.30E+02	6.62E-01	6.11E+01	0.00E+00	1.58E-01	2.89E+05
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	1.00E-03	7.30E+02	3.70E-01	3.83E+01	9.72E-03	1.58E-01	1.49E+06
11/6/98 1.03	CK	204	Mississippi River	1.00E-03	7.30E+02	6.62E-01	6.22E+00	0.00E+00	1.58E-01	4.95E+07
11/6/98 1.04	CK	302	Saunsee River	1.00E-03	7.30E+02	2.04E-01	9.97E-01	0.00E+00	1.58E-01	9.74E+06
11/6/98 1.05	CK	302	Auglaize River	1.00E-03	7.30E+02	2.04E-01	3.11E-01	0.00E+00	1.58E-01	3.39E+06
11/6/98 1.06	CK	302	Six Mile Creek	1.00E-03	7.30E+02	2.04E-01	1.57E+00	0.00E+00	1.58E-01	6.48E+05
11/6/98 1.07	CK	304	Big Walnut Creek	1.00E-03	7.30E+02	2.63E-01	3.42E+01	7.44E-02	1.58E-01	8.47E+06
11/6/98 1.08	CK	304	Glenn Flint Lake	1.00E-03	7.30E+02	5.84E-02	9.06E+00	3.68E-02	1.58E-01	4.28E+06
11/6/98 1.08	CK	304	Deer Creek	1.00E-03	7.30E+02	2.63E-01	4.17E+01	1.51E-01	1.58E-01	6.05E+06
11/6/98 1.09	CK	320	Mud Devils Lake	1.00E-03	7.30E+02	5.84E-02	6.09E+03	8.08E-03	1.58E-01	1.28E+07
11/6/98 1.10	CK	320	Thunder Bay River	1.00E-03	7.30E+02	2.04E-01	1.78E+01	0.00E+00	1.58E-01	1.97E+07
11/6/98 1.11	CK	320	Long Lake	1.00E-03	7.30E+02	5.84E-02	6.02E+00	7.51E-03	1.58E-01	6.17E+07
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	1.00E-03	7.30E+02	2.34E-01	8.14E+00	0.00E+00	1.58E-01	1.08E+07
11/6/98 1.12	CK	321	Powell Creek	1.00E-03	7.30E+02	2.34E-01	2.77E+01	3.56E-02	1.58E-01	9.51E+05
11/6/98 1.13	CK	321	Lake Demopolis	1.00E-03	7.30E+02	5.84E-02	6.21E+00	9.17E-03	1.58E-01	1.39E+08
11/6/98 1.14	CK	321	Lake Henry	1.00E-03	7.30E+02	2.34E-01	1.77E+02	1.21E-01	1.58E-01	3.92E+06
11/6/98 1.15	CK	BAT	Monocacy Creek	1.00E-03	7.30E+02	2.63E-01	3.95E+01	1.29E-01	1.58E-01	3.61E+06
11/6/98 1.15	CK	BAT	Lehigh River	1.00E-03	7.30E+02	2.63E-01	2.43E+01	0.00E+00	1.58E-01	2.81E+07
11/6/98 1.16	CK	CHA	Allen Lake	1.00E-03	7.30E+02	6.81E-01	7.03E+01	1.06E-02	1.58E-01	2.38E+05
11/6/98 1.17	CK	CHA	Sante Fe Lake	1.00E-03	7.30E+02	6.81E-01	7.11E+01	1.80E-02	1.58E-01	8.31E+05
11/6/98 1.18	CK	CHA	Nosho River	1.00E-03	7.30E+02	2.01E+00	6.23E+01	0.00E+00	1.58E-01	4.02E+06
11/6/98 1.19	CK	FOR	Walnut Bayou	1.00E-03	7.30E+02	2.01E+00	1.81E+02	0.00E+00	1.58E-01	1.80E+06
11/6/98 1.19	CK	FOR	West Flat Creek	1.00E-03	7.30E+02	2.01E+00	1.85E+02	0.00E+00	1.58E-01	2.07E+05
11/6/98 1.20	CK	FOR	Hamilton Lake	1.00E-03	7.30E+02	6.81E-01	6.98E+01	4.79E-03	1.58E-01	7.43E+05
11/6/98 1.21	CK	FRE	Salt Creek	1.00E-03	7.30E+02	2.01E+00	1.15E+02	0.00E+00	1.58E-01	1.04E+05
11/6/98 1.21	CK	FRE	Verdigris River	1.00E-03	7.30E+02	2.01E+00	9.04E+01	0.00E+00	1.58E-01	3.80E+06
11/6/98 1.22	CK	FRE	Fall River	1.00E-03	7.30E+02	2.01E+00	1.07E+02	0.00E+00	1.58E-01	2.00E+06
11/6/98 1.23	CK	HAR	Indian Field Swamp	1.00E-03	7.30E+02	2.34E-01	2.05E+01	0.00E+00	1.58E-01	3.13E+06
11/6/98 1.24	CK	HAR	Walnut Branch	1.00E-03	7.30E+02	2.34E-01	8.77E+00	0.00E+00	1.58E-01	8.69E+05
11/6/98 1.24	CK	HAR	Huttos Lake	1.00E-03	7.30E+02	5.84E-02	6.37E+00	1.09E-02	1.58E-01	7.52E+05
11/6/98 1.25	CK	HOL	Huttos Lake	1.00E-03	7.30E+02	5.84E-02	6.40E+00	1.12E-02	1.58E-01	7.52E+05
11/6/98 1.26	CK	HOL	Lake Merkel	1.00E-03	7.30E+02	5.84E-02	8.26E+00	2.86E-02	1.58E-01	2.90E+05
11/6/98 1.27	CK	TEX	Armstrong Creek	1.00E-03	7.30E+02	7.01E-01	1.02E+02	2.98E-01	1.58E-01	2.49E+05
11/6/98 1.28	CK	TEX	Massey Lake	1.00E-03	7.30E+02	6.81E-01	7.52E+01	5.81E-02	1.58E-01	8.17E+05
11/6/98 1.28	CK	TEX	Mountain Creek	1.00E-03	7.30E+02	7.01E-01	1.35E+02	6.14E-01	1.58E-01	3.80E+05

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)	Suspended Sediment Concentration (g/m ³ -mg(sediment)/L(water column))	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)
11/6/98 1:29	CK	TEX Waxahachie Creek	1.00E-03	7.30E+02	7.01E-01	1.39E+02	6.57E-01	1.58E-01	3.32E+05
11/6/98 1:30	CK	WAM Connoqueening Creek	1.00E-03	7.30E+02	2.63E-01	2.51E+01	0.00E+00	1.58E-01	2.30E+06
11/6/98 1:31	CK	WAM Hereford Manor Lake	1.00E-03	7.30E+02	5.84E-02	9.30E+00	3.93E-02	1.58E-01	6.13E+05
11/6/98 1:31	CK	WAM Beaver River	1.00E-03	7.30E+02	2.63E-01	8.42E+00	0.00E+00	1.58E-01	3.76E+06
11/6/98 1:32	CK	WAM Slippy Rock Creek	1.00E-03	7.30E+02	2.63E-01	1.96E+01	0.00E+00	1.58E-01	5.59E+05
11/6/98 1:34	LWAK	ARV James River	1.00E-03	7.30E+02	2.63E-01	1.51E+01	0.00E+00	1.58E-01	1.12E+07
11/6/98 1:34	LWAK	ARV Sports Lake	1.00E-03	7.30E+02	5.84E-02	3.61E+01	2.99E-01	1.58E-01	8.99E+05
11/6/98 1:35	LWAK	ARV Holman Creek	1.00E-03	7.30E+02	2.63E-01	3.88E+01	1.16E-01	1.58E-01	1.20E+05
11/6/98 1:36	LWAK	ARV Rivanna River	1.00E-03	7.30E+02	2.63E-01	2.98E+01	2.90E-02	1.58E-01	4.24E+06
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	1.00E-03	7.30E+02	2.63E-01	1.62E+02	1.31E+00	1.58E-01	1.86E+05
11/6/98 1:38	LWAK	BRO McNeely Lake	1.00E-03	7.30E+02	5.84E-02	1.41E+01	8.53E-02	1.58E-01	1.01E+06
11/6/98 1:38	LWAK	BRO Silver Lake	1.00E-03	7.30E+02	5.84E-02	6.05E+00	7.79E-03	1.58E-01	1.67E+05
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	1.00E-03	7.30E+02	2.63E-01	2.80E+01	1.14E-02	1.58E-01	1.14E+07
11/6/98 1:40	LWAK	CAS Cascade Creek	1.00E-03	7.30E+02	2.34E-01	4.02E+01	1.61E-01	1.58E-01	1.35E+06
11/6/98 1:41	LWAK	CAS Smith River	1.00E-03	7.30E+02	2.34E-01	2.33E+01	0.00E+00	1.58E-01	4.68E+06
11/6/98 1:41	LWAK	CAS Dan River	1.00E-03	7.30E+02	2.34E-01	1.55E+01	0.00E+00	1.58E-01	1.53E+07
11/6/98 1:42	LWAK	COH Troy Reservoir	1.00E-03	7.30E+02	5.84E-02	8.36E+00	3.01E-02	1.58E-01	5.78E+05
11/6/98 1:43	LWAK	COH Hudson River	1.00E-03	7.30E+02	2.63E-01	1.16E+01	0.00E+00	1.58E-01	4.15E+07
11/6/98 1:44	LWAK	COH Mohawk River	1.00E-03	7.30E+02	2.63E-01	1.88E+01	0.00E+00	1.58E-01	5.24E+07
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	1.00E-03	7.30E+02	5.84E-02	6.59E+00	1.29E-02	1.58E-01	2.29E+07
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	1.00E-03	7.30E+02	2.34E-01	3.23E+01	8.14E-02	1.58E-01	6.39E+06
11/6/98 1:46	LWAK	NOR Long Lake/Creek	1.00E-03	7.30E+02	5.84E-02	1.48E+01	9.21E-02	1.58E-01	1.95E+06
11/6/98 1:47	LWAK	NOR Lake Tilery	1.00E-03	7.30E+02	5.84E-02	8.74E+00	3.84E-02	1.58E-01	6.11E+07
11/6/98 1:48	ONCLarge	334 Mississippi River	1.00E-03	7.30E+02	1.00E+00	4.08E+01	0.00E+00	1.58E-01	9.51E+07
11/6/98 1:49	ONCLarge	334 Vermillion River	1.00E-03	7.30E+02	6.62E-01	6.77E+01	4.54E-03	1.58E-01	5.48E+06
11/6/98 1:50	ONCLarge	334 Colby Lake	1.00E-03	7.30E+02	3.70E-01	3.82E+01	9.58E-03	1.58E-01	1.46E+06
11/6/98 1:51	ONCLarge	334 Lake Isabelle	1.00E-03	7.30E+02	3.70E-01	3.80E+01	7.73E-03	1.58E-01	1.08E+06
11/6/98 1:52	ONCLarge	463 Blue River	1.00E-03	7.30E+02	1.17E+00	1.25E+02	5.95E-02	1.58E-01	1.80E+06
11/6/98 1:52	ONCLarge	463 Rock Creek	1.00E-03	7.30E+02	1.17E+00	9.74E+01	0.00E+00	1.58E-01	1.92E+05
11/6/98 1:53	ONCLarge	463 Shoal Creek	1.00E-03	7.30E+02	1.17E+00	1.94E+02	7.31E-01	1.58E-01	2.90E+05
11/6/98 1:54	ONCLarge	463 Missouri River	1.00E-03	7.30E+02	1.17E+00	1.21E+02	1.73E-02	1.58E-01	3.57E+07
11/6/98 1:55	ONCLarge	464 Ottowa River	1.00E-03	7.30E+02	2.04E-01	2.06E+01	0.00E+00	1.58E-01	4.12E+06
11/6/98 1:55	ONCLarge	464 Twin Lakes Reservoir	1.00E-03	7.30E+02	5.84E-02	9.08E+00	3.73E-02	1.58E-01	1.74E+05
11/6/98 1:56	ONCLarge	464 Metzger/Ferguson Reservoir	1.00E-03	7.30E+02	5.84E-02	6.07E+00	7.99E-03	1.58E-01	5.99E+06
11/6/98 1:57	ONCLarge	504 Pennsauken Creek	1.00E-03	7.30E+02	2.63E-01	2.23E+01	0.00E+00	1.58E-01	3.17E+05
11/6/98 1:58	ONCLarge	504 Darby Creek	1.00E-03	7.30E+02	2.63E-01	3.27E+01	5.60E-02	1.58E-01	5.74E+05
11/6/98 1:59	ONCLarge	504 Cooper River Lake	1.00E-03	7.30E+02	5.84E-02	6.55E+00	1.12E-02	1.58E-01	1.43E+06
11/6/98 1:59	ONCLarge	504 Schuykill River	1.00E-03	7.30E+02	2.63E-01	5.50E+00	0.00E+00	1.58E-01	2.42E+06
11/6/98 2:00	ONCLarge	600 Lake Jackson	1.00E-03	7.30E+02	6.81E-01	7.05E+01	1.19E-02	1.58E-01	5.33E+06
11/6/98 2:01	ONCLarge	600 Oyster Creek	1.00E-03	7.30E+02	7.01E-01	5.29E+01	0.00E+00	1.58E-01	3.60E+06
11/6/98 2:02	ONCLarge	600 Brazos River	1.00E-03	7.30E+02	7.01E-01	2.38E+01	0.00E+00	1.58E-01	1.58E+07
11/6/98 2:02	ONCLarge	711 Brechtel Lake	1.00E-03	7.30E+02	3.70E-01	3.80E+01	7.24E-03	1.58E-01	4.59E+05
11/6/98 2:03	ONCLarge	711 Mississippi River	1.00E-03	7.30E+02	1.00E+00	1.67E+01	0.00E+00	1.58E-01	2.13E+08
11/6/98 2:04	ONCLarge	806 Wolf Lake	1.00E-03	7.30E+02	5.84E-02	6.27E+00	9.96E-03	1.58E-01	1.14E+07
11/6/98 2:05	ONCLarge	806 Lake George	1.00E-03	7.30E+02	5.84E-02	7.26E+00	1.95E-02	1.58E-01	1.72E+06
11/6/98 2:06	ONCLarge	806 Little Calumet River	1.00E-03	7.30E+02	6.62E-01	6.14E+01	0.00E+00	1.58E-01	1.82E+06
11/6/98 2:06	ONCLarge	806 Grand Calumet River	1.00E-03	7.30E+02	2.04E-01	3.01E+01	9.11E-02	1.58E-01	5.69E+05
11/6/98 2:07	ONCLarge	915 Genesee River	1.00E-03	7.30E+02	2.04E-01	5.25E+00	0.00E+00	1.58E-01	3.53E+06
11/6/98 2:08	ONCLarge	915 Irondequoit Bay	1.00E-03	7.30E+02	2.04E-01	6.27E+00	9.51E-03	1.58E-01	5.84E+05
11/6/98 2:09	ONCLarge	A32 Highland Reservoir	1.00E-03	7.30E+02	5.84E-02	6.04E+00	7.71E-03	1.58E-01	7.44E+04
11/6/98 2:09	ONCLarge	A43 Armand Bayou	1.00E-03	7.30E+02	7.01E-01	3.33E+01	0.00E+00	1.58E-01	2.64E+05
11/6/98 2:10	ONCLarge	A43 Twelvemile Creek	1.00E-03	7.30E+02	2.04E-01	1.30E+01	0.00E+00	1.58E-01	2.35E+05
11/6/98 2:11	ONCLarge	A43 Bergholtz Creek	1.00E-03	7.30E+02	2.04E-01	1.93E+01	0.00E+00	1.58E-01	2.46E+05
11/6/98 2:12	ONCLarge	A43 Cayuga Creek	1.00E-03	7.30E+02	2.04E-01	8.18E+00	0.00E+00	1.58E-01	4.44E+05
11/6/98 2:13	ONCLarge	A43 Niagara River	1.00E-03	7.30E+02	2.04E-01	1.44E+01	0.00E+00	1.58E-01	7.09E+06
11/6/98 2:13	ONCLarge	A50 Carpenters Bayou	1.00E-03	7.30E+02	7.01E-01	4.52E+01	0.00E+00	1.58E-01	4.69E+05
11/6/98 2:14	ONCLarge	A50 Highlands Reservoir	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.52E-03	1.58E-01	6.15E+06
11/6/98 2:15	ONCLarge	A50 Buffalo Bayou	1.00E-03	7.30E+02	7.01E-01	2.06E+01	0.00E+00	1.58E-01	6.00E+06
11/6/98 2:16	ONCLarge	A50 San Jacinto River	1.00E-03	7.30E+02	7.01E-01	1.41E+01	0.00E+00	1.58E-01	2.46E+06
11/6/98 2:16	ONCLarge	A62 Caney Creek	1.00E-03	7.30E+02	7.01E-01	5.23E+01	0.00E+00	1.58E-01	1.29E+06
11/6/98 2:17	ONCLarge	A62 E & W Fork, Crystal Cr.	1.00E-03	7.30E+02	7.01E-01	6.02E+01	0.00E+00	1.58E-01	1.11E+06
11/6/98 2:18	ONCLarge	A62 Stewarts Creek	1.00E-03	7.30E+02	7.01E-01	5.42E+01	0.00E+00	1.58E-01	3.40E+05
11/6/98 2:19	ONCLarge	A62 Lewis Creek Reservoir	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.52E-03	1.58E-01	5.70E+06
11/6/98 2:20	ONCLarge	B20 Cuyahoga River	1.00E-03	7.30E+02	2.04E-01	1.27E+01	0.00E+00	1.58E-01	2.76E+06
11/6/98 2:20	ONCLarge	B20 Upper and Lower Shaker Lake	1.00E-03	7.30E+02	5.84E-02	7.20E+00	1.80E-02	1.58E-01	3.07E+05
11/6/98 2:21	ONCLarge	B20 Euclid Creek	1.00E-03	7.30E+02	2.04E-01	2.03E+01	0.00E+00	1.58E-01	3.61E+05
11/6/98 2:22	ONCLarge	B20 Fairmont Reservoir	1.00E-03	7.30E+02	5.84E-02	6.31E+00	1.02E-02	1.58E-01	9.01E+04
11/6/98 2:22	ONCLarge	HAN Fabius River	1.00E-03	7.30E+02	3.70E-01	6.16E+01	0.00E+00	1.58E-01	4.62E+05
11/6/98 2:24	ONCLarge	HAN Spring Lake	1.00E-03	7.30E+02	5.84E-02	3.88E+01	1.46E-02	1.58E-01	8.87E+04
11/6/98 2:24	ONCLarge	HAN Mississippi River	1.00E-03	7.30E+02	6.62E-01	9.02E+00	0.00E+00	1.58E-01	4.62E+07
11/6/98 2:25	ONCLarge	KIN North Fork Holston River	1.00E-03	7.30E+02	1.46E-01	2.24E+01	7.38E-02	1.58E-01	3.49E+06
11/6/98 2:26	ONCLarge	KIN Kingsport Reservoir	1.00E-03	7.30E+02	5.84E-02	6.55E+00	1.26E-02	1.58E-01	7.08E+05
11/6/98 2:27	ONCLarge	KIN South Fork Holston River	1.00E-03	7.30E+02	1.46E-01	1.28E+01	0.00E+00	1.58E-01	5.77E+06
11/6/98 2:27	ONCLarge	KIN Reedy Creek	1.00E-03	7.30E+02	1.46E-01	6.26E+01	4.66E-01	1.58E-01	7.89E+05
11/6/98 2:28	ONCLarge	MCI Hals Lake	1.00E-03	7.30E+02	5.84E-02	8.54E+00	3.04E-02	1.58E-01	3.65E+06
11/6/98 2:29	ONCLarge	MCI Helicat Lake	1.00E-03	7.30E+02	5.84E-02	6.10E+00	7.72E-03	1.58E-01	7.31E+05
11/6/98 2:30	ONCLarge	MCI Alabama River	1.00E-03	7.30E+02	2.34E-01	5.61E+00	0.00E+00	1.58E-01	2.81E+07
11/6/98 2:31	ONCLarge	MCI Tombigbee River	1.00E-03	7.30E+02	2.34E-01	6.58E+00	0.00E+00	1.58E-01	2.61E+07
11/6/98 2:31	ONCLarge	MID Tittabawassee River (plus Sanford Lake)	1.00E-03	7.30E+02	2.04E-01	1.55E+01	0.00E+00	1.58E-01	2.02E+07
11/6/98 2:32	ONCLarge	MID Sturgeon Creek	1.00E-03	7.30E+02	2.04E-01	1.62E+01	0.00E+00	1.58E-01	7.89E+05
11/6/98 2:33	ONCLarge	MID Kawkawin River	1.00E-03	7.30E+02	2.04E-01	1.78E+01	0.00E+00	1.58E-01	1.28E+06
11/6/98 2:34	ONCLarge	MID Chippewa River (most inclusive data)	1.00E-03	7.30E+02	2.04E-01	1.18E+01	0.00E+00	1.58E-01	1.85E+06
11/6/98 2:35	ONCLarge	STG Bayou Plaquemine	1.00E-03	7.30E+02	1.59E+00	1.28E+02	0.00E+00	1.58E-01	1.86E+05
11/6/98 2:36	ONCLarge	STG Manchac Bayou	1.00E-03	7.30E+02	1.59E+00	1.27E+02	0.00E+00	1.58E-01	9.98E+05
11/6/98 2:36	ONCLarge	STG Bayou Fountain	1.00E-03	7.30E+02	1.59E+00	1.51E+02	0.00E+00	1.58E-01	1.03E+06
11/6/98 2:37	ONCLarge	STG Mississippi River	1.00E-03	7.30E+02	1.59E+00	1.84E+01	0.00E+00	1.58E-01	2.37E+08
11/6/98 2:39	ONCSmall	340 Sunfish Creek	1.00E-03	7.30E+02	2.63E-01	1.44E+02	1.14E+00	1.58E-01	4.91E+05

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)	Suspended Sediment Concentration (g/m ³ -mg(sediment)/L(water column))	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)
11/6/98 2:40	OINCSmal	340	1.00E-03	7.30E+02	2.63E-01	3.79E+01	1.07E-01	1.58E-01	4.81E+05
11/6/98 2:40	OINCSmal	340	1.00E-03	7.30E+02	2.63E-01	3.32E+01	6.22E-02	1.58E-01	2.11E+06
11/6/98 2:41	OINCSmal	340	1.00E-03	7.30E+02	2.63E-01	6.85E+00	0.00E+00	1.58E-01	4.29E+07
11/6/98 2:42	OINCSmal	342	1.00E-03	7.30E+02	2.04E-01	1.45E+01	0.00E+00	1.58E-01	8.03E+06
11/6/98 2:43	OINCSmal	342	1.00E-03	7.30E+02	5.84E-02	6.32E+00	1.03E-02	1.58E-01	1.57E+06
11/6/98 2:44	OINCSmal	342	1.00E-03	7.30E+02	2.04E-01	2.40E+01	3.28E-02	1.58E-01	9.98E+05
11/6/98 2:44	OINCSmal	342	1.00E-03	7.30E+02	2.04E-01	2.47E+01	3.87E-02	1.58E-01	1.23E+06
11/6/98 2:45	OINCSmal	453	1.00E-03	7.30E+02	5.84E-02	9.42E+00	4.03E-02	1.58E-01	6.18E+06
11/6/98 2:46	OINCSmal	453	1.00E-03	7.30E+02	2.34E-01	9.22E+01	6.34E-01	1.58E-01	1.84E+05
11/6/98 2:47	OINCSmal	453	1.00E-03	7.30E+02	2.34E-01	4.70E+01	2.25E-01	1.58E-01	1.33E+06
11/6/98 2:48	OINCSmal	468	1.00E-03	7.30E+02	2.63E-01	4.40E-03	2.72E+01	1.58E-01	1.25E+06
11/6/98 2:49	OINCSmal	468	1.00E-03	7.30E+02	2.63E-01	2.92E+01	2.35E-02	1.58E-01	3.62E+05
11/6/98 2:49	OINCSmal	468	1.00E-03	7.30E+02	2.63E-01	9.28E+00	0.00E+00	1.58E-01	4.73E+06
11/6/98 2:50	OINCSmal	468	1.00E-03	7.30E+02	5.84E-02	9.76E+00	4.33E-02	1.58E-01	1.74E+06
11/6/98 2:51	OINCSmal	701	1.00E-03	7.30E+02	2.63E-01	7.31E+00	0.00E+00	1.58E-01	1.23E+07
11/6/98 2:52	OINCSmal	701	1.00E-03	7.30E+02	2.63E-01	9.50E+00	0.00E+00	1.58E-01	7.31E+05
11/6/98 2:53	OINCSmal	701	1.00E-03	7.30E+02	2.63E-01	2.95E+01	2.44E-02	1.58E-01	2.50E+06
11/6/98 2:53	OINCSmal	704	1.00E-03	7.30E+02	8.76E-02	9.00E+00	7.39E-03	1.58E-01	3.81E+05
11/6/98 2:54	OINCSmal	704	1.00E-03	7.30E+02	8.76E-02	9.00E+00	7.38E-03	1.58E-01	4.42E+05
11/6/98 2:55	OINCSmal	704	1.00E-03	7.30E+02	8.76E-02	1.24E+01	4.08E-02	1.58E-01	9.68E+05
11/6/98 2:56	OINCSmal	708	1.00E-03	7.30E+02	2.34E-01	2.61E+01	2.34E-02	1.58E-01	1.65E+06
11/6/98 2:57	OINCSmal	708	1.00E-03	7.30E+02	2.34E-01	3.40E+01	1.00E-01	1.58E-01	2.08E+05
11/6/98 2:57	OINCSmal	708	1.00E-03	7.30E+02	2.34E-01	1.90E+01	0.00E+00	1.58E-01	3.39E+06
11/6/98 2:58	OINCSmal	725	1.00E-03	7.30E+02	2.63E-01	2.66E+01	5.62E-03	1.58E-01	3.47E+06
11/6/98 2:59	OINCSmal	725	1.00E-03	7.30E+02	5.84E-02	6.01E+00	7.44E-03	1.58E-01	1.25E+06
11/6/98 3:00	OINCSmal	725	1.00E-03	7.30E+02	5.84E-02	6.03E+00	7.61E-03	1.58E-01	3.41E+05
11/6/98 3:01	OINCSmal	725	1.00E-03	7.30E+02	2.63E-01	2.70E+01	1.09E-02	1.58E-01	4.52E+08
11/6/98 3:02	OINCSmal	824	1.00E-03	7.30E+02	5.84E-02	6.22E+00	9.00E-03	1.58E-01	1.27E+06
11/6/98 3:02	OINCSmal	824	1.00E-03	7.30E+02	2.63E-01	2.47E+01	0.00E+00	1.58E-01	1.67E+05
11/6/98 3:03	OINCSmal	824	1.00E-03	7.30E+02	2.63E-01	3.22E+01	5.12E-02	1.58E-01	4.71E+05
11/6/98 3:04	OINCSmal	824	1.00E-03	7.30E+02	2.63E-01	4.25E+00	0.00E+00	1.58E-01	1.80E+06
11/6/98 3:05	OINCSmal	904	1.00E-03	7.30E+02	2.34E-01	1.13E+00	0.00E+00	1.58E-01	2.99E+06
11/6/98 3:06	OINCSmal	904	1.00E-03	7.30E+02	2.34E-01	1.03E+01	0.00E+00	1.58E-01	6.63E+06
11/6/98 3:06	OINCSmal	906	1.00E-03	7.30E+02	6.62E-01	1.20E+01	0.00E+00	1.58E-01	4.58E+07
11/6/98 3:07	OINCSmal	906	1.00E-03	7.30E+02	6.62E-01	6.74E+01	0.00E+00	1.58E-01	7.15E+05
11/6/98 3:09	OINCSmal	906	1.00E-03	7.30E+02	6.62E-01	6.73E+01	0.00E+00	1.58E-01	5.94E+05
11/6/98 3:10	OINCSmal	906	1.00E-03	7.30E+02	6.62E-01	9.31E+01	2.52E-01	1.58E-01	9.58E+05
11/6/98 3:11	OINCSmal	A14	1.00E-03	7.30E+02	1.59E+00	1.35E+02	0.00E+00	1.58E-01	1.81E+06
11/6/98 3:12	OINCSmal	A14	1.00E-03	7.30E+02	1.59E+00	1.35E+02	0.00E+00	1.58E-01	9.81E+05
11/6/98 3:13	OINCSmal	A14	1.00E-03	7.30E+02	1.59E+00	1.57E+01	0.00E+00	1.58E-01	1.98E+08
11/6/98 3:14	OINCSmal	A14	1.00E-03	7.30E+02	1.59E+00	7.78E+01	0.00E+00	1.58E-01	9.26E+05
11/6/98 3:15	OINCSmal	A26	1.00E-03	7.30E+02	2.01E+00	3.07E+02	9.88E-01	1.58E-01	1.91E+05
11/6/98 3:16	OINCSmal	A26	1.00E-03	7.30E+02	2.01E+00	1.72E+02	0.00E+00	1.58E-01	5.49E+05
11/6/98 3:17	OINCSmal	A26	1.00E-03	7.30E+02	2.01E+00	1.58E+02	0.00E+00	1.58E-01	2.85E+06
11/6/98 3:18	OINCSmal	A31	1.00E-03	7.30E+02	2.34E-01	1.64E+01	0.00E+00	1.58E-01	7.66E+06
11/6/98 3:19	OINCSmal	A31	1.00E-03	7.30E+02	2.34E-01	1.09E+01	0.00E+00	1.58E-01	1.12E+07
11/6/98 3:20	OINCSmal	A31	1.00E-03	7.30E+02	2.34E-01	2.36E+01	0.00E+00	1.58E-01	7.94E+05
11/6/98 3:21	OINCSmal	A45	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.33E-03	1.58E-01	1.73E+07
11/6/98 3:22	OINCSmal	A45	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.32E-03	1.58E-01	6.19E+06
11/6/98 3:23	OINCSmal	A45	1.00E-03	7.30E+02	7.01E-01	6.38E+01	0.00E+00	1.58E-01	1.53E+06
11/6/98 3:24	OINCSmal	A45	1.00E-03	7.30E+02	7.01E-01	4.47E+01	0.00E+00	1.58E-01	1.97E+06
11/6/98 3:25	OINCSmal	A46	1.00E-03	7.30E+02	2.63E-01	5.14E+01	2.39E-01	1.58E-01	1.40E+06
11/6/98 3:27	OINCSmal	A46	1.00E-03	7.30E+02	2.63E-01	5.80E+00	0.00E+00	1.58E-01	2.76E+07
11/6/98 3:28	OINCSmal	A46	1.00E-03	7.30E+02	2.63E-01	3.71E+01	1.01E-01	1.58E-01	5.23E+06
11/6/98 3:29	OINCSmal	A47	1.00E-03	7.30E+02	2.01E+00	1.71E+02	0.00E+00	1.58E-01	5.89E+06
11/6/98 3:30	OINCSmal	A47	1.00E-03	7.30E+02	2.01E+00	1.83E+02	0.00E+00	1.58E-01	1.65E+06
11/6/98 3:31	OINCSmal	A47	1.00E-03	7.30E+02	6.81E-01	7.16E+01	2.26E-02	1.58E-01	5.36E+05
11/6/98 3:32	OINCSmal	A47	1.00E-03	7.30E+02	6.81E-01	7.09E+01	1.62E-02	1.58E-01	3.69E+06
11/6/98 3:33	OINCSmal	A55	1.00E-03	7.30E+02	2.63E-01	8.26E+00	0.00E+00	1.58E-01	8.83E+06
11/6/98 3:33	OINCSmal	A55	1.00E-03	7.30E+02	2.63E-01	3.53E+01	8.13E-02	1.58E-01	5.53E+05
11/6/98 3:34	OINCSmal	A55	1.00E-03	7.30E+02	5.84E-02	6.66E+00	1.35E-02	1.58E-01	5.60E+06
11/6/98 3:35	OINCSmal	A55	1.00E-03	7.30E+02	5.84E-02	1.04E+01	4.83E-02	1.58E-01	5.22E+06
11/6/98 3:36	OINCSmal	B18	1.00E-03	7.30E+02	1.59E+00	1.02E+02	0.00E+00	1.58E-01	4.76E+06
11/6/98 3:37	OINCSmal	B18	1.00E-03	7.30E+02	1.59E+00	9.24E+01	0.00E+00	1.58E-01	3.19E+05
11/6/98 3:38	OINCSmal	B18	1.00E-03	7.30E+02	1.59E+00	1.67E+01	0.00E+00	1.58E-01	2.12E+08
11/6/98 3:38	OINCSmal	B18	1.00E-03	7.30E+02	1.59E+00	1.42E+02	0.00E+00	1.58E-01	5.67E+05
11/6/98 3:39	OINCSmal	B23	1.00E-03	7.30E+02	7.01E-01	4.89E+01	0.00E+00	1.58E-01	1.06E+06
11/6/98 3:40	OINCSmal	B23	1.00E-03	7.30E+02	7.01E-01	4.31E+01	0.00E+00	1.58E-01	1.24E+06
11/6/98 3:41	OINCSmal	B23	1.00E-03	7.30E+02	7.01E-01	1.90E+01	0.00E+00	1.58E-01	1.16E+07
11/6/98 3:42	OINCSmal	B23	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.27E-03	1.58E-01	1.78E+06
11/6/98 19:27	OINCSmal	B31	1.00E-03	7.30E+02	2.63E-01	3.25E+01	5.43E-02	1.58E-01	6.89E+05
11/6/98 19:28	OINCSmal	B31	1.00E-03	7.30E+02	2.63E-01	1.72E+01	0.00E+00	1.58E-01	7.24E+05
11/6/98 19:29	OINCSmal	B31	1.00E-03	7.30E+02	5.84E-02	6.95E+00	1.64E-02	1.58E-01	4.85E+06
11/6/98 19:30	OINCSmal	B31	1.00E-03	7.30E+02	2.63E-01	1.18E+01	0.00E+00	1.58E-01	5.39E+06
11/6/98 3:46	OINCSmal	B32	1.00E-03	7.30E+02	7.01E-01	5.85E+01	0.00E+00	1.58E-01	5.69E+06
11/6/98 3:47	OINCSmal	B32	1.00E-03	7.30E+02	7.01E-01	7.69E+01	4.99E-02	1.58E-01	4.44E+04
11/6/98 3:48	OINCSmal	B32	1.00E-03	7.30E+02	7.01E-01	7.46E+01	2.72E-02	1.58E-01	7.67E+04
11/6/98 3:48	OINCSmal	B37	1.00E-03	7.30E+02	2.01E+00	2.48E+01	0.00E+00	1.58E-01	2.31E+07
11/6/98 3:49	OINCSmal	B37	1.00E-03	7.30E+02	2.01E+00	1.86E+02	0.00E+00	1.58E-01	2.39E+06
11/6/98 3:50	OINCSmal	B37	1.00E-03	7.30E+02	6.81E-01	7.00E+01	6.92E-03	1.58E-01	5.73E+06
11/6/98 3:51	OINCSmal	B37	1.00E-03	7.30E+02	6.81E-01	6.94E+01	1.26E-03	1.58E-01	5.73E+06
11/6/98 3:52	OINCSmal	B44	1.00E-03	7.30E+02	6.81E-01	7.00E+01	7.38E-03	1.58E-01	1.68E+07
11/6/98 3:53	OINCSmal	B44	1.00E-03	7.30E+02	7.01E-01	4.33E+01	0.00E+00	1.58E-01	1.32E+06
11/6/98 3:54	OINCSmal	B44	1.00E-03	7.30E+02	7.01E-01	2.52E+01	0.00E+00	1.58E-01	8.14E+06
11/6/98 3:54	OINCSmal	B44	1.00E-03	7.30E+02	7.01E-01	6.03E+01	0.00E+00	1.58E-01	3.73E+05
11/6/98 3:55	OINCSmal	TOO	1.00E-03	7.30E+02	9.73E-03	2.32E+00	1.99E-02	1.58E-01	3.67E+06
11/6/98 3:56	OINCSmal	TOO	1.00E-03	7.30E+02	1.27E-01	4.61E+01	3.32E-01	1.58E-01	9.49E+04

Inputs Used for Beyond the Floor Emissions redundant redundant calculated calculated calculated redundant calculated

Facility	Site	Waterbody	Mineralization for benthic solids (m/yr)	Settling Velocity (m/yr)	Resuspension velocity (m/yr)	Suspended Sediment Concentration (g/m ³ =mg[<u>sediment</u>]/L[<u>water column</u>])	Burial (m/yr)	Pore water diffusion coefficient (m ² /yr)	Pore water diffusion volume (m ³ /yr)
11/6/98 3:57	OINCSmall	Blue Lakes	1.00E-03	7.30E+02	9.73E-03	1.00E+00	7.36E-03	1.58E-01	7.98E+05
11/6/98 3:58	OINCSmall	Soldier Creek	1.00E-03	7.30E+02	1.27E-01	1.72E+01	4.37E-02	1.58E-01	2.62E+05

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Biotic mortality rate (/day)	Setting rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3-mg[sediment]/[water column])	Multiplier for Soil Erosion to Waterbody	
11/6/98 0.17	CINC	209	Lawsans Fork Creek	3.00E-02	7.30E+01	1.00E+03	2.76E+00	1.37E+03	2.40E+01	1.00E+00
11/6/98 0.18	CINC	209	Tyger River	3.00E-02	7.30E+01	1.00E+03	2.65E+00	2.66E+02	2.40E+01	1.00E+00
11/6/98 0.19	CINC	209	Fair Forest Creek	3.00E-02	7.30E+01	1.00E+03	2.71E+00	2.53E+03	2.40E+01	1.00E+00
11/6/98 0.20	CINC	209	Middle Tyger River	3.00E-02	7.30E+01	1.00E+03	1.50E+00	1.10E+03	2.40E+01	1.00E+00
11/6/98 0.20	CINC	214	Fish Ponds	3.00E-02	7.30E+01	1.00E+03	8.55E+00	4.80E+01	3.80E+01	1.00E+00
11/6/98 0.21	CINC	214	Lake Clause	3.00E-02	7.30E+01	1.00E+03	7.56E+00	2.63E+01	3.80E+01	1.00E+00
11/6/98 0.22	CINC	214	University Lake/ City Park Lake	3.00E-02	7.30E+01	1.00E+03	8.52E+00	2.51E+00	3.80E+01	1.00E+00
11/6/98 0.23	CINC	214	Comite River	3.00E-02	7.30E+01	1.00E+03	8.01E-01	0.00E+00	1.63E+02	1.00E+00
11/6/98 0.24	CINC	221	Highlands Reservoir	3.00E-02	7.30E+01	1.00E+03	8.54E+00	1.02E-01	7.00E+01	1.00E+00
11/6/98 0.25	CINC	221	Sheldon Reservoir	3.00E-02	7.30E+01	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00
11/6/98 0.25	CINC	221	San Jacinto River / Houston Lake	3.00E-02	7.30E+01	1.00E+03	4.89E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 0.26	CINC	324	Shades Creek	3.00E-02	7.30E+01	1.00E+03	2.18E+00	9.17E+02	2.40E+01	1.00E+00
11/6/98 0.27	CINC	324	Valley Creek	3.00E-02	7.30E+01	1.00E+03	2.70E+00	7.47E+02	2.40E+01	1.00E+00
11/6/98 0.28	CINC	324	Bayview Lake	3.00E-02	7.30E+01	1.00E+03	7.09E+00	1.24E+03	6.00E+00	1.00E+00
11/6/98 0.28	CINC	324	Cahaba River	3.00E-02	7.30E+01	1.00E+03	1.80E+00	5.31E+02	2.40E+01	1.00E+00
11/6/98 0.29	CINC	325	Big Hill Creek	3.00E-02	7.30E+01	1.00E+03	2.46E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 0.30	CINC	325	Potato Creek	3.00E-02	7.30E+01	1.00E+03	1.57E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 0.31	CINC	325	Claymore Creek	3.00E-02	7.30E+01	1.00E+03	2.17E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 0.31	CINC	325	Verdigris River	3.00E-02	7.30E+01	1.00E+03	1.11E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 0.32	CINC	331	Rocky River	3.00E-02	7.30E+01	1.00E+03	3.46E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 0.33	CINC	331	East Branch Black River	3.00E-02	7.30E+01	1.00E+03	2.42E+00	1.10E+02	2.10E+01	1.00E+00
11/6/98 0.34	CINC	331	Wyleswood Lake	3.00E-02	7.30E+01	1.00E+03	8.55E+00	2.73E-01	6.00E+00	1.00E+00
11/6/98 0.35	CINC	331	Baldwin Lake	3.00E-02	7.30E+01	1.00E+03	6.78E+00	6.73E+02	6.00E+00	1.00E+00
11/6/98 0.35	CINC	359	Kentucky River	3.00E-02	7.30E+01	1.00E+03	2.82E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 0.36	CINC	359	Indian Creek	3.00E-02	7.30E+01	1.00E+03	6.20E-01	4.00E+03	2.70E+01	1.00E+00
11/6/98 0.37	CINC	359	Indian Kentuck Creek	3.00E-02	7.30E+01	1.00E+03	2.73E+00	5.22E+03	2.70E+01	1.00E+00
11/6/98 0.38	CINC	359	Ohio River	3.00E-02	7.30E+01	1.00E+03	2.03E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 0.39	CINC	A15	Tonawanda Creek	3.00E-02	7.30E+01	1.00E+03	2.96E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 0.39	CINC	A15	Murder Creek	3.00E-02	7.30E+01	1.00E+03	2.26E+00	2.01E+02	2.10E+01	1.00E+00
11/6/98 0.40	CINC	A15	Ellicott Creek	3.00E-02	7.30E+01	1.00E+03	3.11E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 0.41	CINC	A18	Taylor Bayou	3.00E-02	7.30E+01	1.00E+03	2.00E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 0.42	CINC	A18	Hillebrandt Bayou	3.00E-02	7.30E+01	1.00E+03	5.57E+00	3.58E+02	7.20E+01	1.00E+00
11/6/98 0.43	CINC	A18	Viterbo Reservoir	3.00E-02	7.30E+01	1.00E+03	8.49E+00	2.13E+00	7.00E+01	1.00E+00
11/6/98 0.43	CINC	CAL	Tennessee River	3.00E-02	7.30E+01	1.00E+03	1.05E-01	0.00E+00	1.50E+01	1.00E+00
11/6/98 0.44	CINC	CAL	Kentucky Lake	3.00E-02	7.30E+01	1.00E+03	8.52E+00	7.01E+01	6.00E+00	1.00E+00
11/6/98 0.45	CINC	CAL	Barkley Lake	3.00E-02	7.30E+01	1.00E+03	8.52E+00	3.45E+01	6.00E+00	1.00E+00
11/6/98 0.46	CINC	CAL	Cumberland River	3.00E-02	7.30E+01	1.00E+03	2.27E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 0.46	CINC	ELD	Flat Creek	3.00E-02	7.30E+01	1.00E+03	1.96E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 0.47	CINC	ELD	Salt Creek	3.00E-02	7.30E+01	1.00E+03	6.91E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 0.48	CINC	ELD	Calion Lake	3.00E-02	7.30E+01	1.00E+03	8.19E+00	2.29E+00	3.80E+01	1.00E+00
11/6/98 0.49	CINC	ELD	Ouachita River	3.00E-02	7.30E+01	1.00E+03	4.97E-01	0.00E+00	1.63E+02	1.00E+00
11/6/98 0.49	CINC	SAU	Horseshoe Lake	3.00E-02	7.30E+01	1.00E+03	8.54E+00	4.97E-01	3.80E+01	1.00E+00
11/6/98 0.50	CINC	SAU	Old Catokas Creek	3.00E-02	7.30E+01	1.00E+03	1.45E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 0.51	CINC	SAU	Mississippi River	3.00E-02	7.30E+01	1.00E+03	6.57E-02	0.00E+00	6.80E+01	1.00E+00
11/6/98 0.53	CK	202	Elk City Lake	3.00E-02	7.30E+01	1.00E+03	8.52E+00	1.76E+00	7.00E+01	1.00E+00
11/6/98 0.54	CK	202	Montgomery County State Park Lake	3.00E-02	7.30E+01	1.00E+03	8.36E+00	2.64E-01	7.00E+01	1.00E+00
11/6/98 0.55	CK	202	Verdigris River	3.00E-02	7.30E+01	1.00E+03	1.73E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 0.56	CK	203	Catalpa Creek	3.00E-02	7.30E+01	1.00E+03	3.54E+00	2.10E+02	2.40E+01	1.00E+00
11/6/98 0.57	CK	203	Gilmer Creek	3.00E-02	7.30E+01	1.00E+03	5.46E+00	1.47E+02	2.40E+01	1.00E+00
11/6/98 0.58	CK	203	N. Branch Maggawah Creek	3.00E-02	7.30E+01	1.00E+03	2.13E+00	2.16E+01	2.40E+01	1.00E+00
11/6/98 0.59	CK	203	Shotbag Creek	3.00E-02	7.30E+01	1.00E+03	2.32E+00	4.75E+02	2.40E+01	1.00E+00
11/6/98 1.00	CK	204	Bay Creek	3.00E-02	7.30E+01	1.00E+03	1.94E+00	1.92E+02	6.80E+01	1.00E+00
11/6/98 1.01	CK	204	Little Calumet Creek	3.00E-02	7.30E+01	1.00E+03	1.21E+00	0.00E+00	6.80E+01	1.00E+00
11/6/98 1.02	CK	204	Upper and Lower Swan Lake	3.00E-02	7.30E+01	1.00E+03	8.47E+00	5.13E+00	3.80E+01	1.00E+00
11/6/98 1.03	CK	204	Mississippi River	3.00E-02	7.30E+01	1.00E+03	1.29E-01	0.00E+00	6.80E+01	1.00E+00
11/6/98 1.04	CK	302	Saumee River	3.00E-02	7.30E+01	1.00E+03	6.53E-02	0.00E+00	2.10E+01	1.00E+00
11/6/98 1.05	CK	302	Auglaize River	3.00E-02	7.30E+01	1.00E+03	1.83E-02	0.00E+00	2.10E+01	1.00E+00
11/6/98 1.06	CK	302	Six Mile Creek	3.00E-02	7.30E+01	1.00E+03	8.59E-02	0.00E+00	2.10E+01	1.00E+00
11/6/98 1.07	CK	304	Big Walnut Creek	3.00E-02	7.30E+01	1.00E+03	5.23E+00	2.56E+02	2.70E+01	1.00E+00
11/6/98 1.08	CK	304	Glenn Flint Lake	3.00E-02	7.30E+01	1.00E+03	8.24E+00	4.06E+02	6.00E+00	1.00E+00
11/6/98 1.08	CK	304	Deer Creek	3.00E-02	7.30E+01	1.00E+03	8.39E+00	4.64E+02	2.70E+01	1.00E+00
11/6/98 1.09	CK	320	Mud Devils Lake	3.00E-02	7.30E+01	1.00E+03	8.36E+00	1.18E+01	6.00E+00	1.00E+00
11/6/98 1.10	CK	320	Thunder Bay River	3.00E-02	7.30E+01	1.00E+03	4.43E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 1.11	CK	320	Long Lake	3.00E-02	7.30E+01	1.00E+03	8.53E+00	1.85E+00	6.00E+00	1.00E+00
11/6/98 1.11	CK	321	Black Warrior River (most inclusive data)	3.00E-02	7.30E+01	1.00E+03	5.61E-01	0.00E+00	2.40E+01	1.00E+00
11/6/98 1.12	CK	321	Powell Creek	3.00E-02	7.30E+01	1.00E+03	8.03E-01	4.14E+02	2.40E+01	1.00E+00
11/6/98 1.13	CK	321	Lake Demopolis	3.00E-02	7.30E+01	1.00E+03	8.38E+00	2.66E+01	6.00E+00	1.00E+00
11/6/98 1.14	CK	321	Lake Henry	3.00E-02	7.30E+01	1.00E+03	7.62E+00	1.57E+02	2.40E+01	1.00E+00
11/6/98 1.15	CK	BAT	Monocacy Creek	3.00E-02	7.30E+01	1.00E+03	8.41E+00	3.77E+02	2.70E+01	1.00E+00
11/6/98 1.15	CK	BAT	Lehigh River	3.00E-02	7.30E+01	1.00E+03	3.05E+00	0.00E+00	2.70E+01	1.00E+00
11/6/98 1.16	CK	CHA	Allen Lake	3.00E-02	7.30E+01	1.00E+03	8.44E+00	4.18E+00	7.00E+01	1.00E+00
11/6/98 1.17	CK	CHA	Sante Fe Lake	3.00E-02	7.30E+01	1.00E+03	8.31E+00	1.34E+01	7.00E+01	1.00E+00
11/6/98 1.18	CK	CHA	Nosho River	3.00E-02	7.30E+01	1.00E+03	5.39E-01	0.00E+00	2.06E+02	1.00E+00
11/6/98 1.18	CK	FOR	Walnut Bayou	3.00E-02	7.30E+01	1.00E+03	5.09E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 1.19	CK	FOR	West Flat Creek	3.00E-02	7.30E+01	1.00E+03	4.48E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 1.20	CK	FOR	Hamilton Lake	3.00E-02	7.30E+01	1.00E+03	8.16E+00	0.00E+00	7.00E+01	1.00E+00
11/6/98 1.21	CK	FRE	Salt Creek	3.00E-02	7.30E+01	1.00E+03	1.06E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 1.21	CK	FRE	Verdigris River	3.00E-02	7.30E+01	1.00E+03	9.57E-01	0.00E+00	2.06E+02	1.00E+00
11/6/98 1.22	CK	FRE	Fall River	3.00E-02	7.30E+01	1.00E+03	1.21E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 1.23	CK	HAR	Indian Field Swamp	3.00E-02	7.30E+01	1.00E+03	4.93E+00	0.00E+00	2.40E+01	1.00E+00
11/6/98 1.24	CK	HAR	Walnut Branch	3.00E-02	7.30E+01	1.00E+03	7.40E-01	0.00E+00	2.40E+01	1.00E+00
11/6/98 1.24	CK	HAR	Huttos Lake	3.00E-02	7.30E+01	1.00E+03	8.53E+00	3.33E+01	6.00E+00	1.00E+00
11/6/98 1.25	CK	HOL	Huttos Lake	3.00E-02	7.30E+01	1.00E+03	8.53E+00	3.61E+01	6.00E+00	1.00E+00
11/6/98 1.26	CK	HOL	Lake Merkel	3.00E-02	7.30E+01	1.00E+03	7.78E+00	2.83E+02	6.00E+00	1.00E+00
11/6/98 1.27	CK	TEX	Armstrong Creek	3.00E-02	7.30E+01	1.00E+03	3.90E+00	4.12E+02	7.20E+01	1.00E+00
11/6/98 1.28	CK	TEX	Massey Lake	3.00E-02	7.30E+01	1.00E+03	8.46E+00	5.72E+01	7.00E+01	1.00E+00
11/6/98 1.28	CK	TEX	Mountain Creek	3.00E-02	7.30E+01	1.00E+03	3.74E+00	8.53E+02	7.20E+01	1.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Biotic mortality rate (day)	Setting rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3-mg[sediment]/[water column])	Multiplier for Soil Erosion to Waterbody
11/6/98 1:29	CK	TEX Waxahachie Creek	3.00E-02	7.30E+01	1.00E+03	6.24E+00	7.99E+02	7.20E+01	1.00E+00
11/6/98 1:30	CK	WAM Connoquenessing Creek	3.00E-02	7.30E+01	1.00E+03	1.35E+00	2.57E+01	1.00E+00	1.00E+00
11/6/98 1:31	CK	WAM Hereford Manor Lake	3.00E-02	7.30E+01	1.00E+03	8.36E+00	4.75E+02	6.00E+00	1.00E+00
11/6/98 1:31	CK	WAM Beaver River	3.00E-02	7.30E+01	1.00E+03	3.44E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 1:32	CK	WAM Slippery Rock Creek	3.00E-02	7.30E+01	1.00E+03	1.55E+00	0.00E+00	2.70E+01	1.00E+00
11/6/98 1:34	LWAK	ARV James River	3.00E-02	7.30E+01	1.00E+03	8.76E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 1:34	LWAK	ARV Sports Lake	3.00E-02	7.30E+01	1.00E+03	6.51E+00	4.01E+03	6.00E+00	1.00E+00
11/6/98 1:35	LWAK	ARV Holman Creek	3.00E-02	7.30E+01	1.00E+03	2.39E+00	5.08E+02	2.70E+01	1.00E+00
11/6/98 1:36	LWAK	ARV Rivanna River	3.00E-02	7.30E+01	1.00E+03	2.93E+00	1.20E+02	2.70E+01	1.00E+00
11/6/98 1:37	LWAK	BRO Bluelick Creek (includes Clear Run)	3.00E-02	7.30E+01	1.00E+03	3.38E+00	5.61E+03	2.70E+01	1.00E+00
11/6/98 1:38	LWAK	BRO McNeely Lake	3.00E-02	7.30E+01	1.00E+03	7.88E+00	1.16E+03	6.00E+00	1.00E+00
11/6/98 1:38	LWAK	BRO Silver Lake	3.00E-02	7.30E+01	1.00E+03	1.00E+03	8.52E+00	4.72E-01	1.00E+00
11/6/98 1:39	LWAK	BRO Salt River (includes Floyd's Fork)	3.00E-02	7.30E+01	1.00E+03	2.21E+00	1.13E+02	2.70E+01	1.00E+00
11/6/98 1:40	LWAK	CAS Cascade Creek	3.00E-02	7.30E+01	1.00E+03	4.27E+00	6.61E+02	2.40E+01	1.00E+00
11/6/98 1:41	LWAK	CAS Smith River	3.00E-02	7.30E+01	1.00E+03	2.12E+00	0.00E+00	2.40E+01	1.00E+00
11/6/98 1:41	LWAK	CAS Dan River	3.00E-02	7.30E+01	1.00E+03	2.04E+00	0.00E+00	2.40E+01	1.00E+00
11/6/98 1:42	LWAK	COH Troy Reservoir	3.00E-02	7.30E+01	1.00E+03	8.35E+00	4.98E+02	6.00E+00	1.00E+00
11/6/98 1:43	LWAK	COH Hudson River	3.00E-02	7.30E+01	1.00E+03	9.02E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 1:44	LWAK	COH Mohawk River	3.00E-02	7.30E+01	1.00E+03	2.49E+00	0.00E+00	2.70E+01	1.00E+00
11/6/98 1:45	LWAK	COH Tomahannock Reservoir	3.00E-02	7.30E+01	1.00E+03	8.39E+00	1.26E+02	6.00E+00	1.00E+00
11/6/98 1:45	LWAK	NOR Rocky River (includes Bear Creek and Long Creek)	3.00E-02	7.30E+01	1.00E+03	1.72E+00	4.31E+02	2.40E+01	1.00E+00
11/6/98 1:46	LWAK	NOR Long Lake/Creek	3.00E-02	7.30E+01	1.00E+03	7.85E+00	1.08E+03	6.00E+00	1.00E+00
11/6/98 1:47	LWAK	NOR Lake Tilley	3.00E-02	7.30E+01	1.00E+03	8.40E+00	3.12E+02	6.00E+00	1.00E+00
11/6/98 1:48	OINCLarge	334 Mississippi River	3.00E-02	7.30E+01	1.00E+03	1.68E+00	0.00E+00	6.00E+00	1.00E+00
11/6/98 1:49	OINCLarge	334 Vermillion River	3.00E-02	7.30E+01	1.00E+03	8.39E+00	0.00E+00	6.80E+01	1.00E+00
11/6/98 1:50	OINCLarge	334 Colby Lake	3.00E-02	7.30E+01	1.00E+03	8.56E+00	3.25E+00	3.80E+01	1.00E+00
11/6/98 1:51	OINCLarge	334 Lake Isabelle	3.00E-02	7.30E+01	1.00E+03	8.54E+00	5.63E-01	3.80E+01	1.00E+00
11/6/98 1:52	OINCLarge	463 Blue River	3.00E-02	7.30E+01	1.00E+03	1.06E+01	7.86E-01	1.20E+02	1.00E+00
11/6/98 1:52	OINCLarge	463 Rock Creek	3.00E-02	7.30E+01	1.00E+03	3.11E+00	0.00E+00	1.20E+02	1.00E+00
11/6/98 1:53	OINCLarge	463 Shoal Creek	3.00E-02	7.30E+01	1.00E+03	1.01E+01	9.45E+02	1.20E+02	1.00E+00
11/6/98 1:54	OINCLarge	463 Missouri River	3.00E-02	7.30E+01	1.00E+03	1.03E+01	1.27E+01	1.20E+02	1.00E+00
11/6/98 1:55	OINCLarge	464 Ottowa River	3.00E-02	7.30E+01	1.00E+03	4.76E+00	4.73E+01	2.10E+01	1.00E+00
11/6/98 1:55	OINCLarge	464 Twin Lakes Reservoir	3.00E-02	7.30E+01	1.00E+03	8.49E+00	4.86E+02	6.00E+00	1.00E+00
11/6/98 1:56	OINCLarge	464 Metzger/Ferguson Reservoir	3.00E-02	7.30E+01	1.00E+03	8.55E+00	7.82E-01	6.00E+00	1.00E+00
11/6/98 1:57	OINCLarge	504 Pennsauken Creek	3.00E-02	7.30E+01	1.00E+03	2.11E+00	0.00E+00	2.70E+01	1.00E+00
11/6/98 1:58	OINCLarge	504 Darby Creek	3.00E-02	7.30E+01	1.00E+03	1.74E+00	9.36E+02	2.70E+01	1.00E+00
11/6/98 1:59	OINCLarge	504 Cooper River Lake	3.00E-02	7.30E+01	1.00E+03	7.02E+00	1.58E+02	6.00E+00	1.00E+00
11/6/98 2:00	OINCLarge	600 Schuykill River	3.00E-02	7.30E+01	1.00E+03	2.60E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 2:00	OINCLarge	600 Lake Jackson	3.00E-02	7.30E+01	1.00E+03	8.56E+00	6.01E+00	7.00E+01	1.00E+00
11/6/98 2:01	OINCLarge	600 Oyster Creek	3.00E-02	7.30E+01	1.00E+03	2.90E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:02	OINCLarge	600 Brazos River	3.00E-02	7.30E+01	1.00E+03	6.36E-01	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:02	OINCLarge	711 Brechtel Lake	3.00E-02	7.30E+01	1.00E+03	8.47E+00	0.00E+00	3.80E+01	1.00E+00
11/6/98 2:03	OINCLarge	711 Mississippi River	3.00E-02	7.30E+01	1.00E+03	1.53E-01	0.00E+00	6.00E+00	1.00E+00
11/6/98 2:04	OINCLarge	806 Wolf Lake	3.00E-02	7.30E+01	1.00E+03	8.53E+00	5.77E+01	6.00E+00	1.00E+00
11/6/98 2:05	OINCLarge	806 Lake George	3.00E-02	7.30E+01	1.00E+03	8.53E+00	2.18E+02	6.00E+00	1.00E+00
11/6/98 2:06	OINCLarge	806 Little Calumet River	3.00E-02	7.30E+01	1.00E+03	5.13E+00	0.00E+00	6.80E+01	1.00E+00
11/6/98 2:06	OINCLarge	806 Grand Calumet River	3.00E-02	7.30E+01	1.00E+03	3.91E+00	1.32E+03	2.10E+01	1.00E+00
11/6/98 2:07	OINCLarge	915 Genesee River	3.00E-02	7.30E+01	1.00E+03	4.16E-01	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:08	OINCLarge	915 Irondequoit Bay	3.00E-02	7.30E+01	1.00E+03	8.08E+00	1.11E+03	8.00E+00	1.00E+00
11/6/98 2:09	OINCLarge	915 Highland Reservoir	3.00E-02	7.30E+01	1.00E+03	8.55E+00	1.50E+01	6.00E+00	1.00E+00
11/6/98 2:09	OINCLarge	A32 Armand Bayou	3.00E-02	7.30E+01	1.00E+03	7.13E-01	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:10	OINCLarge	A43 Twelvemile Creek	3.00E-02	7.30E+01	1.00E+03	1.56E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:11	OINCLarge	A43 Bergholtz Creek	3.00E-02	7.30E+01	1.00E+03	3.97E+00	6.42E+01	2.10E+01	1.00E+00
11/6/98 2:12	OINCLarge	A43 Cayuga Creek	3.00E-02	7.30E+01	1.00E+03	7.49E-01	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:13	OINCLarge	A43 Niagara River	3.00E-02	7.30E+01	1.00E+03	2.20E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:13	OINCLarge	A50 Carpenters Bayou	3.00E-02	7.30E+01	1.00E+03	1.69E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:14	OINCLarge	A50 Highlands Reservoir	3.00E-02	7.30E+01	1.00E+03	8.53E+00	2.59E-01	7.00E+01	1.00E+00
11/6/98 2:15	OINCLarge	A50 Buffalo Bayou	3.00E-02	7.30E+01	1.00E+03	5.14E-01	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:16	OINCLarge	A50 San Jacinto River	3.00E-02	7.30E+01	1.00E+03	3.17E-01	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:16	OINCLarge	A62 Caney Creek	3.00E-02	7.30E+01	1.00E+03	2.43E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:17	OINCLarge	A62 E & W Fork Crystal Cr.	3.00E-02	7.30E+01	1.00E+03	2.50E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:18	OINCLarge	A62 Stewarts Creek	3.00E-02	7.30E+01	1.00E+03	2.06E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 2:19	OINCLarge	A62 Lewis Creek Reservoir	3.00E-02	7.30E+01	1.00E+03	8.51E+00	4.18E-01	7.00E+01	1.00E+00
11/6/98 2:20	OINCLarge	B20 Cuyahoga River	3.00E-02	7.30E+01	1.00E+03	1.17E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:20	OINCLarge	B20 Upper and Lower Shaker Lake	3.00E-02	7.30E+01	1.00E+03	7.46E+00	2.73E+02	6.00E+00	1.00E+00
11/6/98 2:21	OINCLarge	B20 Euclid Creek	3.00E-02	7.30E+01	1.00E+03	2.78E+00	1.51E+02	2.10E+01	1.00E+00
11/6/98 2:22	OINCLarge	B20 Fairmont Reservoir	3.00E-02	7.30E+01	1.00E+03	8.45E+00	5.60E+01	6.00E+00	1.00E+00
11/6/98 2:23	OINCLarge	HAN Fabius River	3.00E-02	7.30E+01	1.00E+03	3.12E+00	0.00E+00	3.80E+01	1.00E+00
11/6/98 2:24	OINCLarge	HAN Spring Lake	3.00E-02	7.30E+01	1.00E+03	8.50E+00	1.46E+01	3.80E+01	1.00E+00
11/6/98 2:24	OINCLarge	HAN Mississippi River	3.00E-02	7.30E+01	1.00E+03	1.97E-01	0.00E+00	6.80E+01	1.00E+00
11/6/98 2:25	OINCLarge	KIN North Fork Holston River	3.00E-02	7.30E+01	1.00E+03	2.51E+00	9.80E+02	1.50E+01	1.00E+00
11/6/98 2:26	OINCLarge	KIN Kingsport Reservoir	3.00E-02	7.30E+01	1.00E+03	8.46E+00	7.20E+01	6.00E+00	1.00E+00
11/6/98 2:27	OINCLarge	KIN South Fork Holston River	3.00E-02	7.30E+01	1.00E+03	1.01E+00	1.03E+02	1.50E+01	1.00E+00
11/6/98 2:28	OINCLarge	KIN Reedy Creek	3.00E-02	7.30E+01	1.00E+03	4.33E+00	4.45E+03	1.50E+01	1.00E+00
11/6/98 2:28	OINCLarge	MCI Hals Lake	3.00E-02	7.30E+01	1.00E+03	6.82E+00	7.04E+01	6.00E+00	1.00E+00
11/6/98 2:29	OINCLarge	MCI Helicat Lake	3.00E-02	7.30E+01	1.00E+03	7.92E+00	1.33E+00	6.00E+00	1.00E+00
11/6/98 2:30	OINCLarge	MCI Alabama River	3.00E-02	7.30E+01	1.00E+03	3.97E-01	0.00E+00	2.40E+01	1.00E+00
11/6/98 2:31	OINCLarge	MCI Tombigbee River	3.00E-02	7.30E+01	1.00E+03	4.66E-01	0.00E+00	2.40E+01	1.00E+00
11/6/98 2:31	OINCLarge	MID Tittabawassee River (plus Sanford Lake)	3.00E-02	7.30E+01	1.00E+03	2.89E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:32	OINCLarge	MID Sturgeon Creek	3.00E-02	7.30E+01	1.00E+03	2.83E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:33	OINCLarge	MID Kawkaulin River	3.00E-02	7.30E+01	1.00E+03	3.99E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:34	OINCLarge	MID Chippewa River (most inclusive data)	3.00E-02	7.30E+01	1.00E+03	1.47E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:35	OINCLarge	STG Bayou Plaquemine	3.00E-02	7.30E+01	1.00E+03	3.23E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 2:36	OINCLarge	STG Manchac Bayou	3.00E-02	7.30E+01	1.00E+03	2.15E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 2:36	OINCLarge	STG Bayou Fountain	3.00E-02	7.30E+01	1.00E+03	4.13E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 2:37	OINCLarge	STG Mississippi River	3.00E-02	7.30E+01	1.00E+03	1.70E-01	0.00E+00	1.63E+02	1.00E+00
11/6/98 2:39	OINCSmall	340 Sunfish Creek	3.00E-02	7.30E+01	1.00E+03	1.17E+00	7.13E+03	2.70E+01	1.00E+00

US EPA ARCHIVE DOCUMENT

Inputs Used for Beyond the Floor Emissions

Facility	Site	Waterbody	Biotic mortality rate (/day)	Setting rate for biotic solids (m/yr)	Net internal production of biotic solids (g/solids)/m2-yr	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3-mg[sediment]/[water column])	Multiplier for Soil Erosion to Waterbody
11/6/98 2:40	OINCSmall	340	3.00E-02	7.30E+01	1.00E+03	1.98E+00	5.43E+02	2.70E+01	1.00E+00
11/6/98 2:40	OINCSmall	340	3.00E-02	7.30E+01	1.00E+03	2.57E+00	2.87E+02	2.70E+01	1.00E+00
11/6/98 2:41	OINCSmall	340	3.00E-02	7.30E+01	1.00E+03	3.63E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 2:42	OINCSmall	342	3.00E-02	7.30E+01	1.00E+03	2.04E+00	0.00E+00	2.10E+01	1.00E+00
11/6/98 2:43	OINCSmall	342	3.00E-02	7.30E+01	1.00E+03	8.40E+00	8.00E+02	8.00E+01	1.00E+00
11/6/98 2:44	OINCSmall	342	3.00E-02	7.30E+01	1.00E+03	4.27E+00	3.80E+02	2.10E+01	1.00E+00
11/6/98 2:44	OINCSmall	342	3.00E-02	7.30E+01	1.00E+03	4.08E+00	4.54E+02	2.10E+01	1.00E+00
11/6/98 2:45	OINCSmall	453	3.00E-02	7.30E+01	1.00E+03	8.30E+00	8.23E+02	6.00E+00	1.00E+00
11/6/98 2:46	OINCSmall	453	3.00E-02	7.30E+01	1.00E+03	1.58E+00	8.34E+03	2.40E+01	1.00E+00
11/6/98 2:47	OINCSmall	453	3.00E-02	7.30E+01	1.00E+03	2.70E+00	2.36E+03	2.40E+01	1.00E+00
11/6/98 2:48	OINCSmall	468	3.00E-02	7.30E+01	1.00E+03	3.32E+00	2.67E+02	2.70E+01	1.00E+00
11/6/98 2:49	OINCSmall	468	3.00E-02	7.30E+01	1.00E+03	3.61E+00	3.83E+02	2.70E+01	1.00E+00
11/6/98 2:49	OINCSmall	468	3.00E-02	7.30E+01	1.00E+03	4.99E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 2:50	OINCSmall	468	3.00E-02	7.30E+01	1.00E+03	7.92E+00	9.78E+02	6.00E+00	1.00E+00
11/6/98 2:51	OINCSmall	701	3.00E-02	7.30E+01	1.00E+03	3.97E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 2:52	OINCSmall	701	3.00E-02	7.30E+01	1.00E+03	3.49E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 2:53	OINCSmall	701	3.00E-02	7.30E+01	1.00E+03	1.45E+00	1.30E+02	2.70E+01	1.00E+00
11/6/98 2:53	OINCSmall	704	3.00E-02	7.30E+01	1.00E+03	8.56E+00	4.22E-01	9.00E+00	1.00E+00
11/6/98 2:54	OINCSmall	704	3.00E-02	7.30E+01	1.00E+03	8.56E+00	5.14E-01	9.00E+00	1.00E+00
11/6/98 2:55	OINCSmall	704	3.00E-02	7.30E+01	1.00E+03	8.56E+00	9.35E+02	9.00E+00	1.00E+00
11/6/98 2:56	OINCSmall	708	3.00E-02	7.30E+01	1.00E+03	4.82E+00	9.67E+01	2.40E+01	1.00E+00
11/6/98 2:57	OINCSmall	708	3.00E-02	7.30E+01	1.00E+03	3.67E+00	4.35E+02	2.40E+01	1.00E+00
11/6/98 2:57	OINCSmall	708	3.00E-02	7.30E+01	1.00E+03	2.46E+00	0.00E+00	2.40E+01	1.00E+00
11/6/98 2:58	OINCSmall	725	3.00E-02	7.30E+01	1.00E+03	1.11E+01	0.00E+00	2.70E+01	1.00E+00
11/6/98 2:59	OINCSmall	725	3.00E-02	7.30E+01	1.00E+03	8.55E+00	1.00E+00	6.00E+00	1.00E+00
11/6/98 3:00	OINCSmall	725	3.00E-02	7.30E+01	1.00E+03	8.56E+00	3.16E+00	6.00E+00	1.00E+00
11/6/98 3:01	OINCSmall	725	3.00E-02	7.30E+01	1.00E+03	1.26E+01	0.00E+00	2.70E+01	1.00E+00
11/6/98 3:02	OINCSmall	824	3.00E-02	7.30E+01	1.00E+03	8.08E+00	4.43E+01	6.00E+00	1.00E+00
11/6/98 3:02	OINCSmall	824	3.00E-02	7.30E+01	1.00E+03	6.04E-01	4.77E+02	2.70E+01	1.00E+00
11/6/98 3:03	OINCSmall	824	3.00E-02	7.30E+01	1.00E+03	1.46E+00	6.67E+02	2.70E+01	1.00E+00
11/6/98 3:04	OINCSmall	824	3.00E-02	7.30E+01	1.00E+03	1.95E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 3:05	OINCSmall	904	3.00E-02	7.30E+01	1.00E+03	6.46E-02	0.00E+00	2.40E+01	1.00E+00
11/6/98 3:06	OINCSmall	904	3.00E-02	7.30E+01	1.00E+03	8.15E-01	0.00E+00	2.40E+01	1.00E+00
11/6/98 3:06	OINCSmall	906	3.00E-02	7.30E+01	1.00E+03	2.80E-01	0.00E+00	6.80E+01	1.00E+00
11/6/98 3:07	OINCSmall	906	3.00E-02	7.30E+01	1.00E+03	1.89E+00	1.11E+01	6.80E+01	1.00E+00
11/6/98 3:09	OINCSmall	906	3.00E-02	7.30E+01	1.00E+03	2.18E+00	4.63E+00	6.80E+01	1.00E+00
11/6/98 3:10	OINCSmall	906	3.00E-02	7.30E+01	1.00E+03	1.31E+01	2.79E+02	6.80E+01	1.00E+00
11/6/98 3:11	OINCSmall	A14	3.00E-02	7.30E+01	1.00E+03	3.71E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:12	OINCSmall	A14	3.00E-02	7.30E+01	1.00E+03	3.49E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:13	OINCSmall	A14	3.00E-02	7.30E+01	1.00E+03	1.43E-01	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:14	OINCSmall	A14	3.00E-02	7.30E+01	1.00E+03	1.13E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:15	OINCSmall	A26	3.00E-02	7.30E+01	1.00E+03	3.45E+00	4.72E+02	2.06E+02	1.00E+00
11/6/98 3:16	OINCSmall	A26	3.00E-02	7.30E+01	1.00E+03	2.13E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:17	OINCSmall	A26	3.00E-02	7.30E+01	1.00E+03	2.13E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:18	OINCSmall	A31	3.00E-02	7.30E+01	1.00E+03	1.58E+00	0.00E+00	2.40E+01	1.00E+00
11/6/98 3:19	OINCSmall	A31	3.00E-02	7.30E+01	1.00E+03	8.80E-01	0.00E+00	2.40E+01	1.00E+00
11/6/98 3:20	OINCSmall	A31	3.00E-02	7.30E+01	1.00E+03	2.87E+00	0.00E+00	2.40E+01	1.00E+00
11/6/98 3:21	OINCSmall	A45	3.00E-02	7.30E+01	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00
11/6/98 3:22	OINCSmall	A45	3.00E-02	7.30E+01	1.00E+03	8.54E+00	1.02E+00	7.00E+01	1.00E+00
11/6/98 3:23	OINCSmall	A45	3.00E-02	7.30E+01	1.00E+03	5.66E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:24	OINCSmall	A45	3.00E-02	7.30E+01	1.00E+03	1.83E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:25	OINCSmall	A46	3.00E-02	7.30E+01	1.00E+03	1.63E+00	1.02E+03	2.70E+01	1.00E+00
11/6/98 3:27	OINCSmall	A46	3.00E-02	7.30E+01	1.00E+03	3.25E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 3:28	OINCSmall	A46	3.00E-02	7.30E+01	1.00E+03	3.42E+00	4.10E+02	2.70E+01	1.00E+00
11/6/98 3:29	OINCSmall	A47	3.00E-02	7.30E+01	1.00E+03	3.71E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:30	OINCSmall	A47	3.00E-02	7.30E+01	1.00E+03	4.82E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:31	OINCSmall	A47	3.00E-02	7.30E+01	1.00E+03	8.42E+00	1.96E+01	7.00E+01	1.00E+00
11/6/98 3:32	OINCSmall	A47	3.00E-02	7.30E+01	1.00E+03	8.44E+00	1.14E+01	7.00E+01	1.00E+00
11/6/98 3:33	OINCSmall	A55	3.00E-02	7.30E+01	1.00E+03	4.75E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 3:33	OINCSmall	A55	3.00E-02	7.30E+01	1.00E+03	1.67E+00	4.95E+02	2.70E+01	1.00E+00
11/6/98 3:34	OINCSmall	A55	3.00E-02	7.30E+01	1.00E+03	8.29E+00	8.71E+01	6.00E+00	1.00E+00
11/6/98 3:35	OINCSmall	A55	3.00E-02	7.30E+01	1.00E+03	6.45E+00	6.39E+02	6.00E+00	1.00E+00
11/6/98 3:36	OINCSmall	B18	3.00E-02	7.30E+01	1.00E+03	1.91E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:37	OINCSmall	B18	3.00E-02	7.30E+01	1.00E+03	1.38E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:38	OINCSmall	B18	3.00E-02	7.30E+01	1.00E+03	1.52E-01	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:38	OINCSmall	B18	3.00E-02	7.30E+01	1.00E+03	3.48E+00	0.00E+00	1.63E+02	1.00E+00
11/6/98 3:39	OINCSmall	B23	3.00E-02	7.30E+01	1.00E+03	2.09E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:40	OINCSmall	B23	3.00E-02	7.30E+01	1.00E+03	0.00E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:41	OINCSmall	B23	3.00E-02	7.30E+01	1.00E+03	4.70E-01	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:42	OINCSmall	B23	3.00E-02	7.30E+01	1.00E+03	8.55E+00	0.00E+00	7.00E+01	1.00E+00
11/6/98 19:27	OINCSmall	B31	3.00E-02	7.30E+01	1.00E+03	2.26E+00	4.57E+02	2.70E+01	1.00E+00
11/6/98 19:28	OINCSmall	B31	3.00E-02	7.30E+01	1.00E+03	6.31E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 19:29	OINCSmall	B31	3.00E-02	7.30E+01	1.00E+03	8.35E+00	1.64E+02	6.00E+00	1.00E+00
11/6/98 19:30	OINCSmall	B31	3.00E-02	7.30E+01	1.00E+03	6.00E-01	0.00E+00	2.70E+01	1.00E+00
11/6/98 3:46	OINCSmall	B32	3.00E-02	7.30E+01	1.00E+03	3.71E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:47	OINCSmall	B32	3.00E-02	7.30E+01	1.00E+03	3.61E+00	1.89E+02	7.20E+01	1.00E+00
11/6/98 3:48	OINCSmall	B32	3.00E-02	7.30E+01	1.00E+03	2.50E+00	2.04E+02	7.20E+01	1.00E+00
11/6/98 3:48	OINCSmall	B37	3.00E-02	7.30E+01	1.00E+03	1.84E-01	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:49	OINCSmall	B37	3.00E-02	7.30E+01	1.00E+03	6.13E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:50	OINCSmall	B37	3.00E-02	7.30E+01	1.00E+03	8.51E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:51	OINCSmall	B37	3.00E-02	7.30E+01	1.00E+03	7.92E+00	0.00E+00	2.06E+02	1.00E+00
11/6/98 3:52	OINCSmall	B44	3.00E-02	7.30E+01	1.00E+03	8.55E+00	1.51E+02	7.00E+01	1.00E+00
11/6/98 3:53	OINCSmall	B44	3.00E-02	7.30E+01	1.00E+03	1.73E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:54	OINCSmall	B44	3.00E-02	7.30E+01	1.00E+03	6.86E-01	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:54	OINCSmall	B44	3.00E-02	7.30E+01	1.00E+03	4.09E+00	0.00E+00	7.20E+01	1.00E+00
11/6/98 3:5									

Inputs Used for Beyond the Floor Emissions redundant redundant redundant calculated calculated calculated redundant

Facility	Site	Waterbody	Biotic mortality rate (d/day)	Settling rate for biotic solids (m/yr)	Net internal production of biotic solids (g(solids)/m2-yr)	Concentration of biotic solids (g/m3)	Previous vs (m/yr)	HWC TSS (g/m3=mg[<u>sediment</u>]/L[<u>water column</u>])	Multiplier for Soil Erosion to Waterbody
11/6/98 3:57	OINCSmall	Blue Lakes	3.00E-02	7.30E+01	1.00E+03	8.56E+00	1.40E+00	1.00E+00	1.00E+00
11/6/98 3:58	OINCSmall	Soldier Creek	3.00E-02	7.30E+01	1.00E+03	4.18E+00	3.88E+02	1.30E+01	1.00E+00

Appendix B Results for Each Water Body

RESULTS for Base Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)
11/6/98 7.43	CINC 209	Lawsons Fork Creek	3.65E-10	5.68E-11	1.98E-12	5.41E-11	7.11E-13	5.51E-6	1.14E-5	4.83E-6
11/6/98 7.44	CINC 209	Tyger River	6.27E-10	1.46E-10	3.31E-12	1.41E-10	1.50E-12	1.44E-5	2.40E-6	1.00E-5
11/6/98 7.45	CINC 209	Fair Forest Creek	1.12E-9	1.30E-10	4.68E-12	1.25E-9	1.25E-12	6.62E-6	2.62E-6	1.11E-5
11/6/98 7.46	CINC 209	Middle Tyger River	2.93E-10	5.70E-11	1.42E-12	5.49E-11	7.61E-13	5.59E-6	1.22E-6	5.17E-6
11/6/98 7.46	CINC 214	Fish Ponds	2.88E-9	5.96E-10	1.91E-10	3.90E-10	1.61E-11	4.18E-5	2.58E-5	1.09E-4
11/6/98 7.47	CINC 214	Lake Clause	4.16E-8	8.59E-9	2.80E-9	5.80E-9	1.83E-10	6.14E-4	2.93E-4	1.25E-3
11/6/98 7.48	CINC 214	University Lakes City Park Lake	3.25E-10	7.25E-10	3.54E-10	4.78E-10	6.13E-12	3.17E-5	1.33E-4	1.35E-4
11/6/98 7.48	CINC 214	Comite River	7.04E-9	9.95E-10	1.18E-10	8.71E-10	6.05E-12	3.63E-5	6.68E-6	4.11E-5
11/6/98 7.49	CINC 221	Highlands Reservoir	1.09E-9	3.96E-10	3.20E-10	7.28E-11	3.33E-12	8.05E-6	5.32E-6	2.28E-5
11/6/98 7.50	CINC 221	Sheldon Reservoir	4.40E-10	1.10E-9	3.89E-10	6.89E-11	3.16E-12	7.69E-6	5.06E-6	2.19E-5
11/6/98 7.51	CINC 221	San Jacinto River / Houston Lake	6.95E-10	2.44E-10	1.81E-10	6.25E-11	1.98E-13	5.52E-6	3.17E-7	1.35E-6
11/6/98 7.52	CINC 324	Shades Creek	1.57E-8	3.58E-9	5.41E-11	3.51E-9	1.71E-11	3.55E-4	2.73E-5	1.16E-4
11/6/98 7.52	CINC 324	Valley Creek	9.73E-8	2.19E-8	2.19E-8	2.15E-8	8.48E-11	2.18E-3	1.36E-4	5.77E-4
11/6/98 7.53	CINC 324	Bayview Lake	6.99E-10	2.29E-9	4.65E-9	1.81E-8	2.72E-12	1.96E-3	4.35E-4	1.85E-3
11/6/98 7.54	CINC 324	Cahaba River	4.62E-9	1.23E-9	2.83E-11	1.19E-9	6.27E-12	1.21E-4	1.00E-5	4.27E-5
11/6/98 7.55	CINC 325	Big Hill Creek	1.57E-6	8.97E-8	2.42E-10	8.81E-8	1.34E-9	6.97E-3	2.14E-3	9.11E-3
11/6/98 7.56	CINC 325	Poloto Creek	6.94E-6	3.57E-7	5.92E-10	3.51E-7	5.44E-9	3.14E-2	8.70E-3	3.70E-2
11/6/98 7.57	CINC 325	Claymore Creek	1.34E-6	8.77E-8	9.92E-10	8.55E-8	1.29E-9	8.92E-3	2.04E-3	8.67E-3
11/6/98 7.58	CINC 325	Verdigris River	8.42E-8	7.53E-9	4.12E-11	7.39E-9	9.57E-11	3.65E-4	1.53E-4	6.51E-4
11/6/98 7.59	CINC 331	Rocky River	1.08E-8	3.01E-9	4.47E-11	2.94E-9	2.21E-11	2.80E-4	3.54E-5	1.50E-4
11/6/98 8.00	CINC 331	East Branch Black River	4.69E-8	1.26E-8	1.50E-10	1.23E-8	1.24E-10	1.26E-3	1.98E-4	8.42E-4
11/6/98 8.01	CINC 331	Wylodeswood Lake	5.17E-9	1.70E-9	2.68E-10	1.39E-9	4.53E-11	1.62E-4	7.26E-5	3.08E-4
11/6/98 8.02	CINC 331	Baldwin Lake	7.15E-9	2.33E-9	3.79E-10	1.91E-9	3.65E-11	2.07E-4	5.84E-5	2.48E-4
11/6/98 8.03	CINC 359	Kentucky River	1.62E-9	1.61E-9	0.00E+0	0.00E+0	0.00E+0	6.39E-7	0.00E+0	0.00E+0
11/6/98 8.04	CINC 359	Indian Creek	1.29E-8	1.21E-8	0.00E+0	0.00E+0	0.00E+0	1.28E-5	0.00E+0	0.00E+0
11/6/98 8.05	CINC 359	Indian Kentucky Creek	2.09E-8	1.81E-8	0.00E+0	0.00E+0	0.00E+0	1.85E-5	0.00E+0	0.00E+0
11/6/98 8.06	CINC 359	Ohio River	2.67E-10	2.66E-10	0.00E+0	0.00E+0	0.00E+0	7.73E-8	0.00E+0	0.00E+0
11/6/98 8.07	CINC A15	Tonawanda Creek	2.81E-9	8.35E-11	8.76E-11	8.76E-11	6.51E-11	4.51E-5	2.17E-4	4.37E-4
11/6/98 8.08	CINC A15	Murder Creek	3.16E-8	8.37E-9	1.48E-10	8.17E-9	5.46E-11	8.31E-4	8.76E-5	3.72E-4
11/6/98 8.09	CINC A15	Ellicott Creek	3.70E-8	1.03E-8	1.20E-10	1.01E-8	6.01E-11	9.95E-4	4.09E-4	1.69E-3
11/6/98 8.10	CINC A18	Taylor Bayou	1.04E-8	9.82E-9	9.82E-9	0.00E+0	0.00E+0	7.67E-6	0.00E+0	0.00E+0
11/6/98 8.11	CINC A18	Hillsborough Bayou	1.34E-9	8.34E-9	7.52E-9	7.52E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0
11/6/98 8.12	CINC A18	Viterbo Reservoir	1.05E-8	9.71E-9	9.71E-9	0.00E+0	0.00E+0	1.01E-5	0.00E+0	0.00E+0
11/6/98 8.13	CINC CAL	Tennessee River	2.24E-9	2.07E-9	9.00E-10	1.15E-9	1.36E-11	1.08E-5	2.18E-5	9.25E-5
11/6/98 8.14	CINC CAL	Rocky Hill Lake	9.37E-8	3.95E-8	1.25E-8	2.49E-8	1.37E-10	6.03E-3	1.03E-3	4.96E-3
11/6/98 8.15	CINC CAL	Barkley Lake	1.98E-8	9.19E-9	4.84E-9	4.21E-9	1.37E-10	4.96E-4	2.19E-4	9.31E-4
11/6/98 8.16	CINC CAL	Cumberland River	2.94E-9	2.22E-9	7.40E-10	1.46E-9	1.90E-11	2.46E-5	3.04E-5	1.29E-4
11/6/98 8.17	CINC ELD	Flat Creek	7.14E-9	6.40E-9	0.00E+0	0.00E+0	0.00E+0	4.59E-6	0.00E+0	0.00E+0
11/6/98 8.19	CINC ELD	Salt Creek	2.42E-9	2.08E-9	0.00E+0	0.00E+0	0.00E+0	2.02E-6	0.00E+0	0.00E+0
11/6/98 8.19	CINC ELD	Calton Lake	6.92E-10	6.62E-10	6.62E-10	0.00E+0	0.00E+0	7.12E-7	0.00E+0	0.00E+0
11/6/98 8.20	CINC ELD	Ouchita River	4.13E-10	3.95E-10	0.00E+0	0.00E+0	0.00E+0	1.19E-7	0.00E+0	0.00E+0
11/6/98 8.21	CINC SAU	Horseshoe Lake	5.02E-9	9.81E-10	2.64E-10	6.90E-10	2.79E-11	7.38E-5	4.46E-5	1.90E-4
11/6/98 8.22	CINC SAU	Old Cahokia Creek	1.21E-8	1.21E-8	1.10E-9	6.37E-11	1.97E-11	1.39E-4	1.24E-5	8.69E-5
11/6/98 8.23	CINC SAU	Mississippi River	1.83E-10	1.39E-10	4.78E-12	1.34E-10	2.25E-13	6.37E-7	3.60E-7	1.53E-6
11/6/98 8.24	CK 202	Elk City Lake	2.00E-9	2.87E-10	9.42E-11	1.85E-10	8.28E-12	1.97E-5	1.32E-5	5.63E-5
11/6/98 8.25	CK 202	Montgomery County State Park Lake	3.50E-9	4.86E-9	1.53E-9	3.21E-9	3.21E-9	4.97E-4	1.97E-4	8.37E-4
11/6/98 8.26	CK 202	Verdigris River	3.47E-10	2.86E-10	3.93E-11	2.45E-10	2.04E-12	1.51E-5	3.27E-6	1.39E-5
11/6/98 8.26	CK 203	Catalpa Creek	6.48E-8	1.40E-8	1.43E-10	1.36E-8	3.02E-10	1.40E-3	4.83E-4	2.05E-3
11/6/98 8.27	CK 203	Gilmer Creek	1.62E-7	1.87E-8	1.73E-10	1.82E-8	4.04E-10	1.87E-3	6.46E-4	2.74E-3
11/6/98 8.28	CK 203	N. Branch Magnawh Creek	3.11E-7	4.05E-8	4.47E-10	4.07E-8	9.09E-10	8.09E-3	2.22E-3	9.42E-3
11/6/98 8.29	CK 203	Shottag Creek	8.85E-8	1.81E-8	1.25E-10	1.76E-8	3.33E-10	1.81E-3	5.65E-4	2.40E-3
11/6/98 8.30	CK 204	Bay Creek	3.74E-8	4.20E-9	1.26E-10	4.01E-9	6.64E-11	4.08E-4	1.06E-4	4.52E-4
11/6/98 8.30	CK 204	Little Cahokia Creek	6.77E-8	6.77E-8	2.87E-10	6.77E-8	9.27E-10	9.27E-4	1.03E-4	1.08E-3
11/6/98 8.31	CK 204	Upper and Lower Swan Lake	2.12E-8	4.19E-9	1.17E-9	2.90E-9	1.19E-10	3.10E-4	1.91E-4	8.12E-4
11/6/98 8.32	CK 204	Mississippi River	3.77E-10	2.32E-10	9.68E-12	2.19E-10	3.30E-12	2.06E-6	5.27E-6	2.24E-5
11/6/98 8.33	CK 302	Maumee River	1.67E-10	1.51E-10	3.19E-12	1.46E-10	1.88E-12	7.37E-7	3.01E-6	1.28E-5
11/6/98 8.34	CK 302	Auglaize River	2.05E-10	2.05E-10	9.81E-12	2.05E-10	9.81E-12	3.34E-7	9.98E-6	4.06E-5
11/6/98 8.34	CK 302	Six Mile Creek	2.83E-9	2.41E-9	2.27E-11	2.35E-9	3.57E-11	1.84E-5	5.72E-5	2.43E-4
11/6/98 8.35	CK 304	Big Walnut Creek	1.59E-6	2.89E-7	6.22E-10	2.85E-7	3.64E-9	2.93E-2	5.83E-3	2.48E-2
11/6/98 8.36	CK 304	Glimm Flint Lake	1.44E-7	4.56E-8	2.45E-8	1.46E-7	3.08E-9	1.30E-2	4.89E-3	1.95E-2
11/6/98 8.37	CK 304	Deer Creek	2.89E-6	4.21E-7	8.73E-10	4.14E-7	5.96E-9	4.29E-2	5.94E-3	4.05E-2
11/6/98 8.38	CK 320	Mud Devils Lake	2.01E-7	6.94E-8	1.36E-8	5.41E-8	1.69E-9	6.33E-3	2.71E-3	1.15E-2
11/6/98 8.38	CK 320	Thunder Bay River	9.09E-8	2.52E-8	6.06E-10	2.45E-8	7.92E-11	2.18E-3	1.27E-4	5.39E-4
11/6/98 8.39	CK 320	Long Lake	3.13E-8	1.08E-8	2.22E-9	8.29E-9	2.72E-10	9.75E-4	4.36E-4	1.85E-3
11/6/98 8.40	CK 321	Black Warrior River (most inclusive data)	2.15E-7	1.12E-7	8.76E-10	1.09E-7	1.50E-9	3.81E-3	2.40E-3	1.02E-2
11/6/98 8.41	CK 321	Powell Creek	1.70E-6	4.35E-7	2.30E-9	4.26E-7	6.74E-9	4.34E-2	1.08E-2	4.58E-2
11/6/98 8.42	CK 321	Lake Demopolis	2.58E-6	8.89E-7	1.78E-7	6.90E-7	2.16E-8	8.05E-2	3.46E-2	1.47E-1
11/6/98 8.42	CK 321	Lake Henry	2.02E-6	5.59E-7	1.24E-7	4.29E-7	4.55E-9	1.45E-2	1.45E-2	6.15E-2
11/6/98 8.43	CK BAT	Monocacy Creek	1.11E-7	1.68E-8	1.23E-10	1.64E-8	2.56E-10	1.70E-3	4.10E-4	1.74E-3
11/6/98 8.44	CK BAT	Lehigh River	1.54E-8	3.82E-9	4.69E-11	3.72E-9	5.25E-11	3.47E-4	8.41E-5	3.57E-4
11/6/98 8.45	CK CHA	Allen Lake	1.59E-6	2.34E-7	8.17E-8	1.46E-7	8.41E-9	1.55E-2	1.03E-2	4.39E-2
11/6/98 8.46	CK CHA	Sante Fe Lake	3.74E-6	5.49E-7	1.91E-7	3.44E-7	1.38E-8	3.64E-2	2.21E-2	9.39E-2
11/6/98 8.47	CK CHA	Neosho River	2.93E-7	4.31E-8	3.85E-9	3.90E-8	2.66E-10	1.19E-3	4.26E-4	1.81E-3
11/6/98 8.47	CK FOR	Walnut Bayou	3.69E-6	1.69E-6	1.95E-7	1.24E-6	1.80E-7	2.92E-9	1.61E-2	1.99E-2
11/6/98 8.48	CK FOR	West Flat Creek	6.96E-6	3.02E-7	5.91E-9	3.02E-7	2.91E-7	2.67E-2	7.99E-3	3.39E-2
11/6/98 8.49	CK FOR	Hamilton Lake	1.88E-6	2.88E-7	1.06E-7	1.74E-7	7.93E-9	1.85E-2	1.27E-2	5.39E-2
11/6/98 8.50	CK FOR	Salt Creek	5.51E-7	4.45E-8	1.25E-9	4.27E-8	6.09E-10	2.42E-3	9.74E-4	4.14E-3
11/6/98 8.51	CK FRE	Verdigris River	2.09E-7	2.08E-8	4.45E-10	2.02E-8	2.23E-10	8.97E-4	3.56E-4	1.52E-3
11/6/98 8.51	CK FRE	Fall River	1.58E-7	1.34E-8	1.93E-10	1.30E-8	1.64E-10	6.89E-4	2.62E-4	1.11E-3
11/6/98 8.52	CK HAR	Indian Field Swamp	1.60E-8	4.06E-9	1.47E-10	3.88E-9	2.95E-11	3.49E-4	4.72E-5	2.00E-4
11/6/98 8.53	CK HAR	Walnut Branch	9.99E-10	5.19E-10	5.31E-11	4.62E-10	4.36E-12	1.74E-5	6.97E-6	2.96E-5
11/6/98 8.54	CK HOL	Hutto Lake	7.48E-7	4.88E-7	1.96E-7	4.88E-7	9.29E-9	2.28E-2	4.05E-2	1.62E-1
11/6/98 8.55	CK HOL	Hutto Lake	5.15E-7	1.72E-7	3.13E-8	1.36E-7	4.61E-9	1.59E-2	7.37E-3	3.13E-2
11/6/98 8.55	CK HOL	Lake Merlat	5.84E-7	1.93E-7	3.34E-8	1.56E-7	4.20E-9	1.74E-2	6.71E-3	2.85E-2
11/6/98 8.56	CK TEX	Armstrong Creek	4.91E-8	4.09E-8	1.80E-8	4.09E-8	4.09E-8	9.73E-3	4.14E-2	1.64E-1
11/6/98 8.57	CK TEX	Massay Lake	1.07E-7	7.82E-7	3.47E-8	6.98E-8	2.45E-9	7.34E-3	3.92E-3	1.67E-2
11/6/98 8.58	CK TEX	Mountain Creek	7.32E-6	4.82E-7	1.72E-9	4.74E-7	6.61E-9	4.82E-2	1.06E-2	4.49E-2
11/6/98 8.59	CK TEX	Waxahatchie Creek	3.87E-6	2.41E-7	1.35E-9	2.36E-7	3.60E-9	2.41E-2	5.76	

RESULTS for Base Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)	
11/6/98 9:14	LWAK	COH	Mohawk River	3.28E-7	9.75E-8	8.83E-10	9.65E-8	1.88E-10	6.92E-3	3.00E-4	1.28E-3
11/6/98 9:15	LWAK	COH	Tomahannock Reservoir	3.13E-7	1.07E-7	2.16E-8	8.31E-8	2.43E-9	9.61E-3	3.88E-3	1.65E-2
11/6/98 9:16	LWAK	NOR	Rocky River (includes Bear Creek and Long Creek)	1.62E-8	3.96E-11	3.02E-9	3.02E-9	3.56E-11	4.08E-4	3.54E-4	4.69E-4
11/6/98 9:17	LWAK	NOR	Long Lake/Creek	7.01E-9	2.01E-9	4.00E-10	1.57E-9	3.63E-11	1.70E-4	6.12E-5	2.60E-4
11/6/98 9:18	LWAK	NOR	Lake Tilery	5.17E-9	1.65E-9	3.12E-10	1.30E-9	3.80E-11	1.46E-4	6.09E-5	2.59E-4
11/6/98 9:19	JNCLarg	334	Mississippi River	1.79E-10	3.43E-11	1.49E-12	3.25E-11	3.12E-13	1.98E-6	4.99E-7	1.12E-6
11/6/98 9:20	JNCLarg	334	Vermilion River	3.54E-9	3.76E-10	4.65E-12	3.76E-10	3.76E-10	3.76E-5	2.27E-6	2.27E-6
11/6/98 9:21	JNCLarg	334	Coby Lake	1.13E-9	2.10E-10	4.77E-11	1.56E-10	6.37E-12	1.66E-5	1.02E-5	4.33E-5
11/6/98 9:22	JNCLarg	334	Lake Isabelle	1.97E-9	3.69E-10	8.32E-11	2.74E-10	1.12E-11	2.93E-5	1.79E-5	7.60E-5
11/6/98 9:23	JNCLarg	463	Blus River	3.45E-9	3.02E-9	3.02E-9	0.00E+0	0.00E+0	3.03E-6	0.00E+0	0.00E+0
11/6/98 9:23	JNCLarg	463	Rock Creek	4.66E-9	4.24E-9	4.24E-9	0.00E+0	0.00E+0	3.56E-6	0.00E+0	0.00E+0
11/6/98 9:24	JNCLarg	463	Shoal Creek	1.12E-8	9.26E-9	9.26E-9	0.00E+0	0.00E+0	9.40E-6	0.00E+0	0.00E+0
11/6/98 9:25	JNCLarg	463	Missouri River	6.51E-10	5.76E-10	5.76E-10	0.00E+0	0.00E+0	5.90E-7	0.00E+0	0.00E+0
11/6/98 9:26	JNCLarg	464	Ottawa River	1.98E-9	5.12E-10	3.16E-11	4.94E-10	1.16E-12	4.96E-5	1.85E-6	7.57E-6
11/6/98 9:27	JNCLarg	464	Twin Lakes Reservoir	3.71E-10	1.16E-10	2.08E-11	9.35E-11	2.13E-12	1.05E-9	3.41E-8	1.45E-5
11/6/98 9:27	JNCLarg	464	Metzger/Ferguson Reservoir	1.08E-10	3.63E-11	6.18E-12	2.91E-11	9.44E-13	3.42E-6	1.51E-6	6.42E-6
11/6/98 9:28	JNCLarg	504	Fernsauken Creek	1.98E-8	1.93E-8	1.93E-8	0.00E+0	0.00E+0	1.83E-5	0.00E+0	0.00E+0
11/6/98 9:29	JNCLarg	504	Darby Creek	1.21E-7	1.17E-7	1.17E-7	0.00E+0	0.00E+0	1.29E-4	0.00E+0	0.00E+0
11/6/98 9:30	JNCLarg	504	Cooper River Lake	3.27E-8	3.22E-8	3.22E-8	0.00E+0	0.00E+0	4.37E-5	0.00E+0	0.00E+0
11/6/98 9:31	JNCLarg	504	Schuykill River	1.18E-8	1.18E-8	1.18E-8	0.00E+0	0.00E+0	4.12E-6	0.00E+0	0.00E+0
11/6/98 9:32	JNCLarg	600	Lake Jackson	2.34E-7	9.94E-9	9.94E-9	2.17E-6	1.00E-9	2.31E-3	1.61E-3	6.83E-3
11/6/98 9:32	JNCLarg	600	Oyster Creek	1.29E-7	1.88E-8	8.72E-11	1.86E-8	5.75E-11	1.39E-3	9.20E-5	3.91E-4
11/6/98 9:33	JNCLarg	600	Brazos River	1.40E-8	4.03E-9	4.12E-11	3.97E-9	1.35E-11	1.33E-4	2.17E-5	9.10E-5
11/6/98 9:34	JNCLarg	711	Brechlal Lake	1.55E-11	8.97E-12	7.98E-12	1.05E-12	4.56E-14	1.21E-7	7.29E-8	3.10E-7
11/6/98 9:35	JNCLarg	806	Mississippi River	3.72E-13	3.72E-13	3.72E-13	1.45E-14	6.22E-17	1.93E-10	9.95E-11	4.23E-10
11/6/98 9:36	JNCLarg	806	Wolf Lake	1.51E-9	1.49E-9	1.49E-9	0.00E+0	0.00E+0	2.03E-6	0.00E+0	0.00E+0
11/6/98 9:37	JNCLarg	806	Lake George	1.39E-9	1.37E-9	1.37E-9	0.00E+0	0.00E+0	1.81E-6	0.00E+0	0.00E+0
11/6/98 9:37	JNCLarg	806	Little Calumet River	1.46E-8	1.37E-8	1.37E-8	0.00E+0	0.00E+0	1.68E-6	0.00E+0	0.00E+0
11/6/98 9:38	JNCLarg	806	Grand Calumet River	2.28E-8	2.20E-8	2.20E-8	0.00E+0	0.00E+0	2.42E-5	0.00E+0	0.00E+0
11/6/98 9:39	JNCLarg	915	Genesee River	4.18E-10	4.16E-10	4.16E-10	0.00E+0	0.00E+0	1.80E-7	0.00E+0	0.00E+0
11/6/98 9:40	JNCLarg	915	Irontonquill Bay	5.58E-10	5.48E-10	5.48E-10	0.00E+0	0.00E+0	7.47E-7	0.00E+0	0.00E+0
11/6/98 9:41	JNCLarg	915	Highland Reservoir	5.29E-11	5.20E-11	5.20E-11	0.00E+0	0.00E+0	7.14E-6	0.00E+0	0.00E+0
11/6/98 9:42	JNCLarg	A32	Armand Bayou	1.78E-9	1.72E-9	1.72E-9	0.00E+0	0.00E+0	8.86E-7	0.00E+0	0.00E+0
11/6/98 9:42	JNCLarg	A43	Twevermie Creek	1.26E-8	1.24E-8	1.24E-8	0.00E+0	0.00E+0	9.70E-6	0.00E+0	0.00E+0
11/6/98 9:43	JNCLarg	A43	Bergholz Creek	5.57E-9	5.46E-9	5.46E-9	0.00E+0	0.00E+0	1.64E-5	0.00E+0	0.00E+0
11/6/98 9:44	JNCLarg	A43	Cayuga Creek	8.85E-9	8.75E-9	8.75E-9	0.00E+0	0.00E+0	4.95E-6	0.00E+0	0.00E+0
11/6/98 9:45	JNCLarg	A43	Niagara River	8.74E-9	8.60E-9	8.60E-9	0.00E+0	0.00E+0	7.29E-6	0.00E+0	0.00E+0
11/6/98 9:46	JNCLarg	A50	Carpenters Bayou	3.32E-8	3.68E-9	1.22E-11	5.63E-9	3.57E-11	3.58E-4	5.72E-5	2.43E-4
11/6/98 9:47	JNCLarg	A50	Highlands Reservoir	4.41E-10	6.86E-10	2.86E-10	4.01E-10	4.26E-10	4.26E-5	2.99E-5	1.20E-4
11/6/98 9:47	JNCLarg	A50	Buffalo Bayou	2.28E-9	7.22E-10	4.10E-12	1.45E-14	4.16E-12	2.07E-5	6.65E-6	2.83E-5
11/6/98 9:48	JNCLarg	A50	San Jacinto River	1.04E-9	4.20E-10	8.21E-13	4.16E-10	2.73E-12	8.24E-6	3.47E-6	1.86E-5
11/6/98 9:49	JNCLarg	A62	Caney Creek	4.88E-9	4.63E-9	4.63E-9	0.00E+0	0.00E+0	3.59E-6	0.00E+0	0.00E+0
11/6/98 9:50	JNCLarg	A62	E & W Fork Crystal Cr.	8.89E-9	8.87E-9	8.87E-9	0.00E+0	0.00E+0	7.84E-6	0.00E+0	0.00E+0
11/6/98 9:51	JNCLarg	A62	Stewarts Creek	4.87E-9	4.61E-9	4.61E-9	0.00E+0	0.00E+0	3.69E-6	0.00E+0	0.00E+0
11/6/98 9:52	JNCLarg	A62	Lewis Creek Reservoir	3.47E-10	3.22E-10	3.22E-10	0.00E+0	0.00E+0	3.36E-7	0.00E+0	0.00E+0
11/6/98 9:53	JNCLarg	B20	Cuyahoga River	9.18E-10	9.06E-10	9.06E-10	0.00E+0	0.00E+0	6.94E-7	0.00E+0	0.00E+0
11/6/98 9:53	JNCLarg	B20	Upper and Lower Shaker Lake	2.59E-9	2.55E-9	2.55E-9	0.00E+0	0.00E+0	3.39E-6	0.00E+0	0.00E+0
11/6/98 9:54	JNCLarg	B20	Euclid Creek	9.46E-10	9.25E-10	9.25E-10	0.00E+0	0.00E+0	1.03E-6	0.00E+0	0.00E+0
11/6/98 9:55	JNCLarg	B20	Fairmont Reservoir	8.51E-10	8.39E-10	8.39E-10	0.00E+0	0.00E+0	1.46E-6	0.00E+0	0.00E+0
11/6/98 9:56	JNCLarg	HAN	Laburg River	7.89E-9	7.98E-9	7.98E-9	1.98E-9	9.15E-9	6.95E-5	2.69E-4	1.14E-3
11/6/98 9:57	JNCLarg	HAN	Spring Lake	5.84E-9	5.12E-10	1.31E-10	7.63E-10	3.31E-11	8.17E-5	5.02E-5	2.13E-4
11/6/98 9:57	JNCLarg	HAN	Mississippi River	2.04E-10	1.22E-10	3.65E-11	8.45E-11	1.31E-12	1.15E-6	2.10E-6	8.94E-6
11/6/98 9:58	JNCLarg	KIN	North Fork Holston River	2.94E-9	2.91E-9	2.91E-9	6.19E-9	1.21E-9	6.37E-6	6.02E-6	2.59E-5
11/6/98 9:59	JNCLarg	KIN	Kingsport Reservoir	1.61E-9	6.48E-10	2.54E-10	3.82E-10	1.17E-11	4.45E-5	1.88E-5	7.98E-5
11/6/98 10:00	JNCLarg	KIN	South Fork Holston River	6.85E-10	4.07E-10	2.21E-10	1.85E-10	1.07E-12	1.63E-5	1.71E-6	7.27E-6
11/6/98 10:01	JNCLarg	KIN	Reedy Creek	4.75E-9	1.44E-9	9.62E-10	4.51E-10	3.72E-12	4.69E-5	5.96E-6	2.53E-5
11/6/98 10:02	JNCLarg	MCI	Hals Lake	6.18E-9	3.52E-10	1.73E-10	1.73E-10	1.12E-9	1.97E-4	1.10E-4	3.02E-4
11/6/98 10:02	JNCLarg	MCI	Hellcat Lake	6.67E-8	2.30E-8	1.86E-8	6.11E-10	1.86E-8	2.16E-3	9.77E-4	4.15E-3
11/6/98 10:03	JNCLarg	MCI	Alabama River	1.98E-11	1.25E-11	1.07E-12	1.13E-11	1.49E-13	2.72E-7	2.38E-7	1.01E-6
11/6/98 10:04	JNCLarg	MCI	Tombigbee River	2.85E-10	1.66E-10	6.79E-12	1.67E-10	4.42E-12	1.42E-6	1.55E-6	6.19E-6
11/6/98 10:05	JNCLarg	MID	Tittabawassee River (plus Sanford Lake)	1.87E-9	1.04E-9	6.64E-10	3.86E-10	4.07E-13	2.97E-5	6.51E-7	2.77E-6
11/6/98 10:06	JNCLarg	MID	Sturgeon Creek	9.25E-9	4.97E-9	3.03E-9	1.93E-9	2.16E-12	1.57E-4	3.45E-6	1.47E-5
11/6/98 10:07	JNCLarg	MID	Kawakawin River	2.65E-8	1.09E-8	4.90E-9	6.00E-9	7.37E-12	5.35E-4	1.18E-5	5.01E-5
11/6/98 10:08	JNCLarg	MID	Chippewa River (most inclusive data)	1.62E-9	1.11E-9	7.76E-10	3.37E-9	1.11E-9	1.99E-5	5.34E-7	2.27E-6
11/6/98 10:08	JNCLarg	STG	Bayou Plaquemine	2.27E-6	1.58E-7	1.05E-9	1.55E-7	2.17E-9	1.24E-2	3.47E-3	1.47E-2
11/6/98 10:09	JNCLarg	STG	Manchac Bayou	1.91E-5	1.37E-6	1.62E-8	1.86E-8	1.33E-6	1.05E-1	2.98E-2	1.27E-1
11/6/98 10:10	JNCLarg	STG	Bayou Fountain	8.54E-6	5.10E-7	7.77E-9	4.95E-7	7.29E-9	4.69E-2	1.17E-2	4.96E-2
11/6/98 10:11	JNCLarg	STG	Mississippi River	4.62E-9	1.63E-9	4.37E-11	1.57E-9	4.39E-11	1.80E-5	2.29E-5	9.69E-5
11/6/98 10:13	JNCSma	340	Sunfish Creek	2.13E-9	2.22E-10	9.22E-11	1.28E-10	2.15E-12	1.31E-5	3.44E-6	1.46E-5
11/6/98 10:14	JNCSma	340	Proctor Creek	2.31E-9	5.97E-10	1.90E-10	4.01E-10	5.89E-12	4.11E-5	9.42E-6	4.00E-5
11/6/98 10:14	JNCSma	340	Fish Creek	1.18E-9	3.47E-10	9.96E-11	3.82E-10	2.19E-10	2.24E-5	4.59E-6	1.95E-5
11/6/98 10:15	JNCSma	340	Ohio River	5.72E-11	3.87E-11	1.44E-11	2.39E-11	3.43E-13	6.29E-7	5.49E-7	2.33E-6
11/6/98 10:16	JNCSma	342	Kalamazoo River	1.21E-9	4.27E-10	8.60E-12	4.17E-10	6.17E-13	2.97E-5	9.87E-7	4.19E-6
11/6/98 10:17	JNCSma	342	East Lake	3.66E-10	1.20E-10	1.71E-11	1.00E-10	2.95E-12	1.16E-5	4.73E-6	2.01E-5
11/6/98 10:18	JNCSma	342	Portage Creek	9.20E-9	1.94E-9	1.80E-11	1.92E-9	4.31E-12	1.96E-4	6.90E-6	2.93E-5
11/6/98 10:19	JNCSma	342	Portage River	6.78E-9	1.60E-9	1.60E-9	1.57E-9	2.53E-12	1.60E-4	4.05E-6	1.72E-5
11/6/98 10:20	JNCSma	453	Lake Spivy	5.06E-10	2.03E-10	8.95E-11	1.11E-10	2.30E-12	1.25E-5	3.68E-6	1.56E-5
11/6/98 10:21	JNCSma	453	Jester Creek	8.24E-9	1.66E-9	9.77E-10	6.75E-10	4.98E-12	6.92E-5	7.36E-6	3.38E-5
11/6/98 10:22	JNCSma	453	Flint River	3.86E-9	1.32E-9	8.46E-10	4.73E-10	2.17E-12	4.88E-5	3.47E-6	1.48E-5
11/6/98 10:23	JNCSma	468	Wissahickon Creek	1.93E-8	4.40E-9	1.57E-11	4.37E-9	1.09E-11	4.44E-4	1.74E-5	7.41E-5
11/6/98 10:25	JNCSma	468	Tazony Creek	2.00E-8	4.30E-9	3.22E-12	4.29E-9	9.42E-12	4.36E-4	1.51E-5	6.40E-5
11/6/98 10:26	JNCSma	468	Schuykill River	1.47E-9	1.74E-9	1.74E-9	3.45E-9	1.74E-9	4.76E-6	5.97E-6	2.42E-5
11/6/98 10:30	JNCSma	468	Pickering Creek Reservoir	1.47E-9	7.71E-11	4.64E-10	3.80E-10	6.95E-12	4.19E-5	1.11E-5	4.73E-5
11/6/98 10:31	JNCSma	701	Walbash River	2.							

RESULTS for Base Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)
11/6/98 19:50	JNCSma 906	Muscataine Slough	9.70E-11	8.77E-11	8.77E-11	0.00E+0	0.00E+0	9.06E-8	0.00E+0	0.00E+0
11/6/98 19:51	JNCSma A14	New River	1.43E-10	9.43E-12	1.14E-13	9.19E-12	1.20E-13	7.77E-7	1.92E-7	8.15E-7
11/6/98 19:52	JNCSma A14	Bayou Conway	1.31E-10	8.71E-12	9.99E-14	8.50E-12	1.14E-13	7.19E-7	1.83E-7	7.77E-7
11/6/98 19:53	JNCSma A14	Mississippi River	1.47E-14	5.76E-15	1.98E-16	5.49E-15	7.12E-17	5.38E-11	1.14E-10	4.84E-10
11/6/98 19:54	JNCSma A14	Bayou Lafourche	7.05E-13	7.94E-14	1.40E-15	7.68E-14	1.17E-15	3.73E-9	1.87E-9	7.96E-9
11/6/98 19:55	JNCSma A26	Big Creek (includes Sulfur Spring Creek)	4.85E-9	2.12E-10	6.48E-11	1.44E-10	2.73E-12	1.48E-5	4.37E-6	1.86E-5
11/6/98 19:55	JNCSma A26	Carter Creek	8.44E-11	1.12E-11	7.13E-12	4.00E-12	7.79E-14	3.48E-7	1.25E-7	5.30E-7
11/6/98 19:56	JNCSma A26	Dotz Creek	9.92E-11	1.35E-11	8.37E-12	5.08E-12	9.41E-14	4.06E-7	1.51E-7	6.40E-7
11/6/98 19:57	JNCSma A31	Nottaway River	2.84E-8	9.62E-9	7.27E-11	9.45E-9	1.06E-10	6.63E-4	1.69E-4	7.19E-4
11/6/98 19:58	JNCSma A31	Chowan River	7.19E-9	3.17E-9	2.15E-11	3.12E-9	1.46E-11	5.43E-5	2.31E-4	1.04E-3
11/6/98 19:59	JNCSma A31	Nottaway Swamp (a creek)	2.66E-7	6.75E-8	2.11E-10	6.66E-8	7.05E-10	6.75E-3	1.13E-3	4.80E-3
11/6/98 20:00	JNCSma A45	Sheldon Reservoir	5.22E-10	8.32E-11	3.38E-11	4.73E-11	2.13E-12	5.04E-6	3.40E-6	1.45E-5
11/6/98 20:01	JNCSma A45	Highlands Reservoir	2.08E-10	3.32E-11	1.35E-11	1.89E-11	8.52E-13	2.01E-6	1.36E-6	5.80E-6
11/6/98 20:02	JNCSma A45	Greens Bayou	7.07E-9	8.44E-10	1.63E-11	8.26E-10	1.63E-12	7.46E-5	2.63E-6	1.11E-5
11/6/98 20:02	JNCSma A46	Buffalo Bayou	8.72E-9	1.55E-9	7.26E-11	1.48E-9	2.51E-12	9.27E-5	4.02E-6	1.71E-5
11/6/98 20:03	JNCSma A46	Little Muskingum River	3.53E-11	3.35E-11	3.35E-11	0.00E+0	0.00E+0	3.54E-8	0.00E+0	0.00E+0
11/6/98 20:04	JNCSma A46	Ohio River	1.24E-11	1.23E-11	1.23E-11	0.00E+0	0.00E+0	4.46E-9	0.00E+0	0.00E+0
11/6/98 20:05	JNCSma A46	Middle Island Creek	3.72E-11	3.95E-11	3.95E-11	0.00E+0	0.00E+0	3.95E-8	0.00E+0	0.00E+0
11/6/98 20:06	JNCSma A47	Caney River	3.00E-11	3.92E-12	2.48E-12	1.43E-12	9.64E-15	1.22E-7	1.54E-8	6.55E-8
11/6/98 20:07	JNCSma A47	Sand Creek	1.15E-10	1.21E-11	6.81E-12	5.25E-12	2.92E-14	4.78E-7	4.67E-8	1.99E-7
11/6/98 20:08	JNCSma A47	Bar-Dow Lake	5.95E-11	1.02E-11	4.75E-12	5.20E-12	2.03E-13	5.59E-7	3.34E-7	1.42E-6
11/6/98 20:09	JNCSma A47	Lake Hudson	3.44E-11	6.56E-12	3.45E-12	2.98E-12	1.24E-13	3.18E-7	1.98E-7	8.40E-7
11/6/98 20:09	JNCSma A55	Mohawk River	3.23E-12	2.16E-12	9.98E-13	1.15E-12	1.18E-14	3.63E-8	1.89E-8	8.03E-8
11/6/98 20:10	JNCSma A55	Applause Kill River	3.12E-11	8.99E-12	3.29E-12	5.64E-12	6.82E-14	5.77E-7	1.09E-7	4.64E-7
11/6/98 20:11	JNCSma A55	Stony Creek Reservoir	3.04E-12	1.26E-12	5.16E-13	7.18E-13	2.25E-14	8.33E-8	3.63E-8	1.53E-7
11/6/98 20:12	JNCSma A55	Watervliet Reservoir	1.68E-11	9.58E-12	6.59E-12	2.93E-12	5.87E-14	3.25E-7	9.39E-8	3.99E-7
11/6/98 20:13	JNCSma B18	Gulf Intercostal Waterway	9.95E-12	7.53E-12	7.37E-12	1.56E-13	9.26E-16	1.46E-8	1.48E-9	6.30E-9
11/6/98 20:14	JNCSma B18	Bayou La Bute	1.13E-10	7.57E-11	7.24E-11	3.23E-12	2.90E-14	2.28E-7	4.64E-8	1.97E-7
11/6/98 20:15	JNCSma B18	Mississippi River	1.03E-13	9.78E-14	9.59E-14	1.91E-15	1.32E-17	3.21E-11	2.12E-11	9.01E-11
11/6/98 20:16	JNCSma B18	Bayou Manchac	9.04E-11	5.62E-11	1.77E-12	1.30E-14	2.04E-7	2.09E-8	8.87E-8	8.87E-8
11/6/98 20:16	JNCSma B23	Hilbrandt Bayou	7.78E-10	1.36E-10	1.67E-11	1.20E-10	3.68E-13	8.28E-6	5.89E-7	2.50E-6
11/6/98 20:17	JNCSma B23	Cow Bayou	5.63E-10	1.05E-10	6.12E-12	9.85E-11	3.60E-13	5.96E-6	5.76E-7	2.40E-6
11/6/98 20:18	JNCSma B23	Neches River	1.76E-11	6.25E-12	5.69E-13	5.67E-12	1.48E-14	1.51E-7	2.37E-8	1.01E-7
11/6/98 20:19	JNCSma B23	Port Arthur Reservoir	5.65E-10	9.12E-11	3.56E-11	5.32E-11	2.39E-12	5.67E-6	3.82E-6	1.62E-5
11/6/98 19:35	JNCSma B31	Wassahocken Creek	2.21E-7	4.71E-8	2.29E-10	4.66E-8	2.64E-10	4.73E-3	4.22E-4	1.93E-3
11/6/98 19:36	JNCSma B31	Neshaminy Creek	2.67E-8	9.40E-9	4.62E-11	9.30E-9	5.94E-11	6.01E-4	9.51E-5	4.04E-4
11/6/98 19:37	JNCSma B31	Peace Valley Reservoir	7.99E-9	2.61E-9	3.96E-10	2.15E-9	6.17E-11	2.47E-4	9.87E-5	4.19E-4
11/6/98 19:38	JNCSma B31	Sokuykill River	1.33E-8	5.82E-9	6.58E-11	5.73E-9	3.08E-11	2.55E-4	4.93E-5	2.10E-4
11/6/98 20:23	JNCSma B32	Cedar Bayou	7.34E-8	9.79E-9	1.45E-10	9.61E-9	2.85E-11	7.92E-4	4.56E-5	1.94E-4
11/6/98 20:24	JNCSma B32	Cary Bayou	1.10E-6	1.17E-7	1.78E-10	1.16E-7	5.12E-10	1.17E-2	8.19E-4	3.48E-3
11/6/98 20:25	JNCSma B32	Gooso Creek	6.47E-7	7.23E-8	1.66E-10	7.20E-8	2.23E-10	7.25E-3	3.58E-4	1.52E-3
11/6/98 20:26	JNCSma B32	Arkansas River	1.43E-12	8.17E-13	5.79E-13	2.37E-13	4.34E-16	2.96E-9	6.94E-10	2.95E-9
11/6/98 20:27	JNCSma B37	Plum Bayou (includes Black Bayou and Bayou Pete)	7.48E-11	8.47E-12	5.16E-12	3.30E-12	6.87E-15	3.04E-7	1.10E-8	4.67E-8
11/6/98 20:28	JNCSma B37	Yellow Lake	1.04E-10	2.51E-11	1.63E-11	8.48E-12	3.79E-13	9.15E-7	6.06E-7	2.57E-6
11/6/98 20:29	JNCSma B37	Lake Pine Bluff	1.56E-10	3.79E-11	2.44E-11	1.30E-11	5.21E-13	1.39E-6	8.33E-7	3.54E-6
11/6/98 20:30	JNCSma B44	Sheldon Reservoir	5.36E-10	8.35E-11	3.25E-11	4.88E-11	2.20E-12	5.20E-6	3.52E-6	1.50E-5
11/6/98 20:31	JNCSma B44	Greens Bayou	3.02E-9	5.35E-10	3.80E-12	5.30E-10	1.10E-12	3.22E-5	1.76E-6	7.47E-6
11/6/98 20:32	JNCSma B44	Buffalo Bayou	1.32E-9	3.63E-10	3.19E-12	3.59E-10	7.13E-13	1.26E-5	1.14E-6	4.85E-6
11/6/98 20:32	JNCSma B44	Hunting Bayou	1.32E-8	1.69E-9	7.27E-12	1.68E-9	3.95E-12	1.43E-4	6.32E-6	2.69E-5
11/6/98 20:33	JNCSma TOO	Rush Lake	1.05E-9	9.44E-10	8.91E-10	5.16E-11	9.63E-13	8.21E-6	1.54E-6	6.52E-6
11/6/98 20:34	JNCSma TOO	Box Elder Wash	6.70E-9	5.36E-9	5.21E-9	1.48E-10	3.59E-13	2.08E-5	5.75E-7	2.44E-6
11/6/98 20:35	JNCSma TOO	Blue Lakes	1.62E-11	1.55E-11	1.62E-11	2.87E-13	8.13E-15	7.37E-8	1.30E-8	5.53E-8
11/6/98 20:36	JNCSma TOO	Soldier Creek	2.10E-10	1.56E-10	1.37E-10	1.97E-11	7.54E-14	2.16E-6	1.21E-7	5.15E-7

Results for Stds Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)	
11/6/98 3.59	CINC	209	Lawsons Fork Creek	3.65E-10	5.68E-11	1.98E-12	5.41E-11	7.11E-13	5.51E-6	1.14E-6	4.83E-6
11/6/98 4.00	CINC	209	Tyger River	6.27E-10	1.48E-10	3.31E-12	1.41E-10	1.50E-12	1.44E-5	2.40E-6	1.00E-5
11/6/98 4.01	CINC	209	Fair Forest Creek	1.12E-9	1.12E-9	4.63E-12	1.23E-10	1.25E-12	6.62E-6	2.62E-6	1.11E-5
11/6/98 4.01	CINC	209	Middle Tyger River	2.93E-10	5.70E-11	1.42E-12	4.59E-11	1.67E-13	5.59E-6	1.22E-6	5.17E-6
11/6/98 4.02	CINC	214	Fish Ponds	2.88E-9	5.96E-10	1.91E-10	3.90E-10	1.81E-13	4.18E-5	2.58E-5	1.09E-4
11/6/98 4.03	CINC	214	Lake Casaca	4.19E-9	4.19E-9	4.19E-9	4.19E-9	6.14E-4	2.93E-4	1.23E-4	1.23E-4
11/6/98 4.04	CINC	214	University Lake/ City Park Lake	3.54E-9	7.25E-10	2.27E-10	4.78E-10	1.98E-11	5.13E-5	3.17E-5	1.35E-4
11/6/98 4.04	CINC	214	Comie River	7.04E-9	9.95E-10	1.18E-10	8.71E-10	6.05E-12	3.63E-5	9.68E-6	4.11E-5
11/6/98 4.05	CINC	221	Highlands Reservoir	1.09E-9	1.09E-9	3.20E-10	7.20E-11	1.05E-6	6.32E-6	5.29E-6	2.29E-5
11/6/98 4.06	CINC	221	Sheldon Reservoir	1.10E-9	4.40E-10	3.68E-10	6.89E-11	3.18E-12	7.68E-6	5.06E-6	2.15E-5
11/6/98 4.07	CINC	221	San Jacinto River / Houston Lake	6.95E-10	2.44E-10	1.81E-10	6.25E-11	1.98E-13	5.52E-6	3.17E-7	1.35E-6
11/6/98 4.07	CINC	324	Shades Creek	1.14E-8	2.59E-9	3.92E-11	2.54E-9	1.24E-11	2.57E-4	1.98E-5	8.41E-5
11/6/98 4.08	CINC	324	Valley Creek	7.05E-8	1.58E-8	2.00E-10	1.56E-8	6.14E-11	1.58E-3	9.83E-5	4.18E-4
11/6/98 4.09	CINC	324	Bayview Lake	5.05E-8	1.66E-8	3.30E-9	1.31E-8	1.97E-10	1.42E-3	3.15E-4	1.34E-3
11/6/98 4.10	CINC	324	Cataba River	3.34E-9	8.88E-10	2.95E-11	8.63E-10	4.54E-12	8.75E-5	7.27E-6	3.09E-5
11/6/98 4.10	CINC	325	Big Hill Creek	1.57E-6	8.97E-8	2.42E-10	8.81E-8	6.97E-3	3.14E-2	2.14E-3	9.11E-3
11/6/98 4.11	CINC	325	Potato Creek	6.94E-6	3.57E-7	5.92E-10	3.51E-7	5.44E-9	3.14E-2	8.70E-3	3.70E-2
11/6/98 4.12	CINC	325	Claymore Creek	1.34E-6	8.77E-8	9.32E-10	8.55E-8	1.34E-9	5.92E-3	2.04E-3	8.67E-3
11/6/98 4.13	CINC	325	Verdigris River	8.42E-8	7.53E-9	4.12E-11	7.39E-9	9.57E-11	3.65E-4	1.53E-4	6.51E-4
11/6/98 4.14	CINC	331	Rocky River	1.08E-8	3.01E-9	4.47E-11	2.94E-9	2.21E-11	2.80E-4	3.54E-5	1.50E-4
11/6/98 4.17	CINC	359	East Branch Black River	4.85E-8	1.26E-8	1.59E-10	1.23E-8	1.24E-10	1.26E-3	1.98E-4	8.42E-4
11/6/98 4.15	CINC	331	Wyleswood Lake	5.17E-9	1.70E-9	2.68E-10	1.39E-9	4.53E-11	1.62E-4	7.26E-5	3.08E-4
11/6/98 4.16	CINC	331	Baldwin Lake	7.15E-9	2.33E-9	3.79E-10	1.91E-9	3.65E-11	2.07E-4	5.84E-5	2.48E-4
11/6/98 4.17	CINC	359	Kentucky River	1.05E-10	1.05E-10	1.05E-10	1.05E-10	0.00E+0	4.17E-8	0.00E+0	0.00E+0
11/6/98 4.17	CINC	359	Indian Creek	8.42E-10	7.89E-10	7.89E-10	0.00E+0	0.00E+0	8.24E-7	0.00E+0	0.00E+0
11/6/98 4.18	CINC	359	Indian Kentucky Creek	1.36E-9	1.18E-9	0.00E+0	0.00E+0	0.00E+0	1.21E-6	0.00E+0	0.00E+0
11/6/98 4.19	CINC	359	Ohio River	1.75E-11	1.74E-11	1.74E-11	0.00E+0	0.00E+0	5.05E-9	0.00E+0	0.00E+0
11/6/98 4.20	CINC	A15	Tonawanda Creek	3.04E-10	9.04E-10	9.04E-10	9.04E-10	7.53E-5	7.04E-6	2.99E-6	1.12E-5
11/6/98 4.20	CINC	A15	Murder Creek	3.42E-9	9.05E-10	1.60E-11	8.83E-10	5.92E-12	8.99E-5	9.47E-6	4.03E-5
11/6/98 4.21	CINC	A15	Ellicott Creek	4.00E-9	1.11E-9	1.30E-11	1.09E-9	6.50E-12	1.08E-4	1.04E-5	4.42E-5
11/6/98 4.22	CINC	A18	Taylor Bayou	1.96E-9	1.96E-9	1.96E-9	1.96E-9	0.00E+0	9.30E-7	0.00E+0	0.00E+0
11/6/98 4.23	CINC	A18	Hillebrandt Bayou	9.02E-10	8.13E-10	0.00E+0	0.00E+0	0.00E+0	8.37E-7	0.00E+0	0.00E+0
11/6/98 4.23	CINC	A18	Vierbo Reservoir	1.13E-9	1.05E-9	1.05E-9	1.05E-9	1.09E-6	1.09E-6	0.00E+0	0.00E+0
11/6/98 4.24	CINC	CAL	Tennessee River	1.47E-10	1.36E-10	5.91E-11	7.45E-11	1.35E-12	1.43E-6	1.43E-6	6.45E-6
11/6/98 4.25	CINC	CAL	Kentucky Lake	6.13E-9	2.58E-9	1.15E-9	1.39E-9	4.23E-11	1.62E-4	6.76E-5	2.87E-4
11/6/98 4.26	CINC	CAL	Barkley Lake	1.30E-9	6.02E-10	3.18E-10	2.76E-10	8.96E-12	3.24E-5	1.43E-5	6.09E-5
11/6/98 4.27	CINC	ELD	Cumberland River	1.92E-11	1.92E-11	4.86E-11	1.45E-11	1.24E-12	1.81E-6	8.49E-7	3.47E-6
11/6/98 4.27	CINC	ELD	Flat Creek	7.14E-9	6.40E-9	0.00E+0	0.00E+0	0.00E+0	4.59E-6	0.00E+0	0.00E+0
11/6/98 4.28	CINC	ELD	Salt Creek	2.42E-9	2.08E-9	2.08E-9	0.00E+0	0.00E+0	2.00E-6	0.00E+0	0.00E+0
11/6/98 4.28	CINC	ELD	Galton Lake	6.82E-10	6.82E-10	6.82E-10	6.82E-10	0.00E+0	7.12E-7	0.00E+0	0.00E+0
11/6/98 4.29	CINC	ELD	Quachita River	4.13E-10	3.95E-10	0.00E+0	0.00E+0	0.00E+0	1.19E-7	0.00E+0	0.00E+0
11/6/98 4.30	CINC	SAU	Horseshoe Lake	5.02E-9	9.81E-10	2.64E-10	6.90E-10	2.79E-11	7.38E-5	4.46E-5	1.90E-4
11/6/98 4.31	CINC	SAU	Carahaska Creek	1.21E-9	1.21E-9	6.37E-10	6.37E-10	2.10E-9	3.99E-6	2.04E-6	8.66E-6
11/6/98 4.32	CINC	SAU	Mississippi River	1.83E-10	1.39E-10	4.78E-12	1.34E-10	2.25E-13	6.37E-7	3.60E-7	1.53E-6
11/6/98 4.33	CK	202	Elk City Lake	2.00E-9	2.87E-10	9.42E-11	1.85E-10	8.28E-12	1.97E-5	1.32E-5	5.63E-5
11/6/98 4.34	CK	202	Montgomery County State Park Lake	3.50E-9	4.86E-9	1.53E-9	3.53E-9	4.28E-9	3.39E-4	3.97E-4	1.67E-3
11/6/98 4.35	CK	202	Verdigris River	2.88E-10	2.88E-10	3.93E-11	2.45E-10	2.04E-12	1.51E-5	3.27E-6	1.39E-5
11/6/98 4.36	CK	203	Catapa Creek	6.48E-8	1.40E-8	1.43E-10	1.36E-8	3.02E-10	1.40E-3	4.83E-4	2.05E-3
11/6/98 4.36	CK	203	Gilmer Creek	1.80E-8	1.07E-8	1.73E-10	1.80E-8	1.87E-3	6.46E-4	6.46E-4	2.85E-3
11/6/98 4.37	CK	203	N. Branch Misgaweh Creek	4.31E-7	8.05E-8	4.47E-10	7.87E-8	1.39E-9	8.08E-3	2.22E-3	8.43E-3
11/6/98 4.38	CK	203	Shottag Creek	8.85E-8	1.81E-8	1.25E-10	1.76E-8	6.54E-11	1.81E-3	5.65E-4	2.40E-3
11/6/98 4.39	CK	204	Bay Creek	3.74E-8	4.20E-9	1.26E-10	4.01E-9	6.64E-11	4.08E-4	1.06E-4	4.52E-4
11/6/98 4.40	CK	204	Little Calumet Creek	6.87E-10	6.77E-10	2.97E-10	2.97E-10	9.25E-4	4.49E-10	2.39E-3	1.00E-3
11/6/98 4.40	CK	204	Upper and Lower Swan Lake	2.12E-8	4.19E-9	1.17E-9	1.19E-10	3.10E-4	1.91E-4	1.91E-4	8.12E-4
11/6/98 4.41	CK	204	Mississippi River	3.77E-10	2.32E-10	9.98E-12	2.19E-10	1.30E-12	2.06E-6	5.27E-6	2.24E-5
11/6/98 4.42	CK	302	Maumee River	1.97E-10	1.97E-10	1.97E-10	1.97E-10	1.97E-12	1.37E-7	1.01E-6	4.19E-6
11/6/98 4.43	CK	302	Auglaze River	2.05E-10	1.98E-10	2.61E-12	1.93E-10	2.55E-12	3.34E-7	4.08E-6	1.73E-5
11/6/98 4.43	CK	302	Six Mile Creek	2.83E-9	2.41E-9	2.27E-11	2.35E-9	3.57E-11	1.84E-5	5.72E-6	2.43E-4
11/6/98 4.44	CK	304	Big Walnut Creek	1.98E-7	1.98E-7	6.22E-9	6.22E-9	6.22E-9	6.93E-3	2.49E-2	9.83E-2
11/6/98 4.45	CK	304	Glenn Flint Lake	4.57E-7	1.44E-7	2.45E-8	1.16E-7	3.06E-9	1.30E-2	4.89E-3	2.08E-2
11/6/98 4.46	CK	304	Deer Creek	2.89E-6	4.21E-7	8.73E-10	4.14E-7	5.96E-9	4.29E-2	9.54E-3	4.05E-2
11/6/98 4.47	CK	320	Mad Devils Lake	1.34E-8	1.34E-8	2.41E-9	1.36E-8	3.72E-7	3.98E-2	1.27E-2	5.39E-2
11/6/98 4.47	CK	320	Thunder Bay River	9.09E-8	2.52E-8	6.06E-10	2.45E-8	7.92E-11	2.18E-3	1.27E-4	5.39E-4
11/6/98 4.48	CK	320	Long Lake	3.13E-8	1.08E-8	2.22E-9	8.29E-9	2.72E-10	9.75E-4	4.36E-4	1.85E-3
11/6/98 4.49	CK	321	Black Warrior River (most inclusive data)	1.88E-7	1.78E-7	7.86E-8	1.88E-7	1.31E-9	6.33E-3	1.10E-3	5.11E-3
11/6/98 4.50	CK	321	Powell Creek	1.49E-6	3.80E-7	2.01E-9	3.73E-7	5.90E-9	3.80E-2	9.43E-3	4.01E-2
11/6/98 4.50	CK	321	Lake Demopolis	2.26E-6	7.78E-7	1.56E-7	6.04E-7	1.89E-8	7.05E-2	3.03E-2	1.29E-1
11/6/98 4.51	CK	321	Lake Henry	1.76E-6	4.99E-7	1.09E-7	3.72E-7	7.91E-9	3.98E-2	1.27E-2	5.39E-2
11/6/98 4.52	CK	BAT	Monocacy Creek	1.11E-7	1.68E-8	1.23E-10	1.64E-8	2.56E-10	1.70E-3	4.10E-4	1.74E-3
11/6/98 4.53	CK	BAT	Lehigh River	1.54E-8	3.82E-9	4.98E-11	3.72E-9	5.25E-11	3.47E-4	8.41E-5	3.57E-4
11/6/98 4.54	CK	CHA	Allen Lake	1.59E-6	2.34E-7	8.17E-8	1.46E-7	8.41E-9	1.55E-2	1.03E-2	4.39E-2
11/6/98 4.54	CK	CHA	Sante Fe Lake	3.74E-6	5.49E-7	1.91E-7	3.44E-7	1.38E-8	3.64E-2	2.21E-2	9.39E-2
11/6/98 4.55	CK	CHA	Neosho River	2.93E-7	4.31E-8	3.85E-9	3.90E-8	2.66E-10	1.19E-3	4.26E-4	1.81E-3
11/6/98 4.56	CK	FOR	Walnut Bayou	2.89E-6	1.42E-7	9.04E-9	1.31E-7	2.12E-9	1.17E-2	3.40E-3	1.44E-2
11/6/98 4.57	CK	FOR	West Flat Creek	4.43E-6	2.20E-7	4.33E-9	3.12E-7	3.81E-9	1.85E-2	3.77E-3	2.45E-2
11/6/98 4.58	CK	FRE	Hamilton Lake	1.37E-6	2.10E-7	7.74E-8	1.27E-7	5.79E-9	1.35E-2	3.92E-3	3.93E-2
11/6/98 4.58	CK	FRE	Salt Creek	5.51E-7	4.45E-8	1.25E-9	4.27E-8	6.09E-10	2.42E-3	9.74E-4	4.14E-3
11/6/98 4.59	CK	FRE	Verdigris River	2.09E-7	2.09E-7	4.45E-10	2.02E-8	2.23E-10	8.97E-4	3.56E-4	1.50E-3
11/6/98 5.00	CK	FRE	Fall River	1.58E-7	1.34E-8	1.93E-10	1.30E-8	1.64E-10	6.89E-4	2.62E-4	1.11E-3
11/6/98 5.01	CK	HAR	Indian Field Swamp	1.47E-8	3.73E-9	1.33E-10	3.57E-9	2.70E-11	3.21E-4	4.33E-5	1.84E-4
11/6/98 5.02	CK	HAR	Walnut Branch	9.17E-10	4.76E-10	4.82E-11	4.24E-10	3.99E-12	1.59E-6	6.39E-6	2.72E-5
11/6/98 5.02	CK	HAR	Huttos Lake	6.79E-7	2.28E-7	4.30E-8	1.80E-7	6.01E-9	2.09E-2	4.09E-2	9.62E-3
11/6/98 5.03	CK	HOL	Huttos Lake	5.15E-7	1.72E-7	3.13E-8	1.36E-7	4.81E-9	1.59E-2	7.37E-3	3.13E-2
11/6/98 5.04	CK	HOL	Lake Mexell	5.84E-7	1.93E-7	3.84E-8	1.84E-7	3.56E-9	1.74E-2	6.71E-3	2.85E-2
11/6/98 5.05	CK	TEX	Armstrong Creek	4.91E-6	4.09E-7	1.80E-9	4.01E-7	6.08E-9	4.09E-2	9.73E-3	4.14E-2</

RESULTS for Stds Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)
11/6/98 5.28	ONCLarge	334	3.54E-9	3.78E-10	4.55E-12	3.70E-10	3.29E-12	3.78E-5	5.27E-6	2.24E-5
11/6/98 5.29	ONCLarge	334	1.13E-9	2.10E-10	4.77E-11	1.56E-10	6.37E-12	1.67E-5	1.02E-5	4.33E-5
11/6/98 5.30	ONCLarge	334	3.43E-9	1.33E-10	8.37E-11	8.37E-11	2.83E-11	2.83E-5	1.75E-5	7.65E-5
11/6/98 5.32	ONCLarge	463	3.43E-9	3.02E-9	0.00E+0	0.00E+0	0.00E+0	3.09E-6	0.00E+0	0.00E+0
11/6/98 5.33	ONCLarge	463	4.66E-9	4.24E-9	0.00E+0	0.00E+0	0.00E+0	3.56E-6	0.00E+0	0.00E+0
11/6/98 5.33	ONCLarge	463	9.26E-9	1.25E-9	1.25E-9	9.26E-9	0.00E+0	9.40E-6	0.00E+0	0.00E+0
11/6/98 5.34	ONCLarge	463	6.51E-10	5.76E-10	0.00E+0	0.00E+0	0.00E+0	5.90E-7	0.00E+0	0.00E+0
11/6/98 5.35	ONCLarge	464	1.98E-9	5.17E-10	3.18E-11	1.62E-12	1.16E-12	4.96E-5	1.85E-6	7.87E-6
11/6/98 5.36	ONCLarge	464	3.71E-10	1.16E-10	2.08E-11	9.35E-11	1.05E-15	1.05E-5	1.45E-5	1.45E-5
11/6/98 5.37	ONCLarge	464	1.08E-10	3.63E-11	1.62E-12	2.91E-11	9.44E-13	3.42E-6	1.51E-6	6.42E-6
11/6/98 5.38	ONCLarge	504	1.36E-9	1.32E-9	0.00E+0	0.00E+0	0.00E+0	1.25E-6	0.00E+0	0.00E+0
11/6/98 5.39	ONCLarge	504	8.30E-9	8.02E-9	0.00E+0	0.00E+0	0.00E+0	8.74E-6	0.00E+0	0.00E+0
11/6/98 5.40	ONCLarge	504	2.24E-9	2.21E-9	0.00E+0	0.00E+0	0.00E+0	2.99E-6	0.00E+0	0.00E+0
11/6/98 5.41	ONCLarge	504	8.10E-10	8.05E-10	0.00E+0	0.00E+0	0.00E+0	2.82E-7	0.00E+0	0.00E+0
11/6/98 5.42	ONCLarge	600	2.34E-7	3.23E-8	9.54E-9	2.17E-8	1.00E-9	2.31E-3	1.61E-3	6.83E-3
11/6/98 5.43	ONCLarge	600	1.29E-7	1.88E-8	8.72E-11	1.86E-8	5.75E-11	1.30E-3	9.20E-5	3.91E-4
11/6/98 5.44	ONCLarge	600	1.40E-8	4.03E-9	4.12E-11	3.97E-9	1.35E-11	1.33E-4	2.17E-5	9.21E-5
11/6/98 5.45	ONCLarge	711	1.55E-11	8.97E-12	7.88E-12	1.05E-12	4.55E-14	1.21E-7	7.20E-8	3.10E-7
11/6/98 5.46	ONCLarge	711	3.72E-13	3.42E-13	3.27E-13	1.45E-14	6.22E-17	1.93E-10	9.95E-11	4.23E-10
11/6/98 5.47	ONCLarge	806	8.02E-10	7.90E-10	7.90E-10	0.00E+0	0.00E+0	1.08E-6	0.00E+0	0.00E+0
11/6/98 5.48	ONCLarge	806	7.35E-10	7.24E-10	0.00E+0	0.00E+0	0.00E+0	9.59E-7	0.00E+0	0.00E+0
11/6/98 5.50	ONCLarge	806	7.75E-9	7.27E-9	0.00E+0	0.00E+0	0.00E+0	6.94E-6	0.00E+0	0.00E+0
11/6/98 5.51	ONCLarge	806	1.21E-8	1.17E-8	0.00E+0	0.00E+0	0.00E+0	1.28E-5	0.00E+0	0.00E+0
11/6/98 5.52	ONCLarge	915	4.15E-10	4.15E-10	0.00E+0	0.00E+0	0.00E+0	1.80E-7	0.00E+0	0.00E+0
11/6/98 5.53	ONCLarge	915	5.56E-10	5.48E-10	5.48E-10	0.00E+0	0.00E+0	7.47E-7	0.00E+0	0.00E+0
11/6/98 5.54	ONCLarge	915	5.28E-11	5.20E-11	0.00E+0	0.00E+0	0.00E+0	7.14E-8	0.00E+0	0.00E+0
11/6/98 5.55	ONCLarge	A32	1.78E-9	1.72E-9	1.72E-9	0.00E+0	0.00E+0	8.86E-7	0.00E+0	0.00E+0
11/6/98 5.56	ONCLarge	A43	6.53E-9	6.53E-9	6.53E-9	0.00E+0	0.00E+0	6.53E-9	0.00E+0	0.00E+0
11/6/98 5.57	ONCLarge	A43	8.29E-9	8.10E-9	8.10E-9	0.00E+0	0.00E+0	8.72E-6	0.00E+0	0.00E+0
11/6/98 5.57	ONCLarge	A43	4.65E-9	4.61E-9	4.61E-9	0.00E+0	0.00E+0	2.61E-6	0.00E+0	0.00E+0
11/6/98 5.58	ONCLarge	A43	4.93E-9	4.93E-9	4.93E-9	0.00E+0	0.00E+0	4.94E-6	0.00E+0	0.00E+0
11/6/98 5.59	ONCLarge	A50	3.32E-8	1.22E-11	5.68E-9	5.68E-9	3.57E-11	3.58E-4	5.72E-5	2.43E-4
11/6/98 6.00	ONCLarge	A50	4.41E-9	6.86E-10	2.66E-10	4.01E-10	1.87E-11	4.28E-5	2.99E-5	1.27E-4
11/6/98 6.01	ONCLarge	A50	4.95E-9	7.10E-10	2.26E-10	4.10E-10	2.07E-10	6.85E-6	6.85E-6	6.85E-6
11/6/98 6.01	ONCLarge	A50	1.04E-9	4.20E-10	1.41E-10	4.16E-10	2.73E-12	8.24E-6	4.37E-6	1.88E-5
11/6/98 6.02	ONCLarge	A62	2.57E-9	2.43E-9	2.43E-9	0.00E+0	0.00E+0	1.89E-6	0.00E+0	0.00E+0
11/6/98 6.03	ONCLarge	A62	4.95E-9	4.66E-9	4.66E-9	0.00E+0	0.00E+0	4.12E-6	0.00E+0	0.00E+0
11/6/98 6.04	ONCLarge	A62	2.56E-9	2.42E-9	2.42E-9	0.00E+0	0.00E+0	1.94E-6	0.00E+0	0.00E+0
11/6/98 6.05	ONCLarge	A62	1.82E-10	1.69E-10	1.69E-10	0.00E+0	0.00E+0	1.76E-7	0.00E+0	0.00E+0
11/6/98 6.05	ONCLarge	B20	9.18E-10	9.06E-10	9.06E-10	0.00E+0	0.00E+0	9.94E-7	0.00E+0	0.00E+0
11/6/98 6.06	ONCLarge	B20	2.59E-9	2.55E-9	2.55E-9	0.00E+0	0.00E+0	3.39E-6	0.00E+0	0.00E+0
11/6/98 6.07	ONCLarge	B20	9.46E-10	9.25E-10	9.25E-10	0.00E+0	0.00E+0	1.03E-6	0.00E+0	0.00E+0
11/6/98 6.07	ONCLarge	B20	8.51E-10	8.39E-10	8.39E-10	0.00E+0	0.00E+0	1.14E-6	0.00E+0	0.00E+0
11/6/98 6.09	ONCLarge	HAN	6.91E-9	9.27E-10	4.76E-11	8.64E-10	1.47E-11	8.04E-5	2.36E-5	1.00E-4
11/6/98 6.10	ONCLarge	HAN	5.18E-9	1.09E-9	3.77E-10	6.88E-10	2.82E-11	7.37E-5	4.51E-5	1.92E-4
11/6/98 6.10	ONCLarge	HAN	1.72E-11	9.81E-12	1.99E-11	1.99E-11	1.05E-10	1.78E-6	1.08E-6	5.95E-6
11/6/98 6.11	ONCLarge	KN	2.94E-9	1.21E-9	5.91E-10	3.76E-12	3.76E-12	6.37E-5	6.02E-6	2.56E-5
11/6/98 6.12	ONCLarge	KN	1.61E-9	6.48E-10	2.54E-10	3.82E-10	1.17E-11	4.45E-5	1.88E-5	7.98E-5
11/6/98 6.13	ONCLarge	KN	6.65E-10	4.07E-10	2.21E-10	4.85E-10	1.07E-12	1.63E-5	1.71E-6	7.27E-6
11/6/98 6.14	ONCLarge	KN	4.44E-9	9.82E-10	4.51E-10	3.72E-12	3.72E-12	4.69E-5	2.53E-6	2.53E-6
11/6/98 6.15	ONCLarge	MCI	6.15E-9	2.12E-9	3.52E-10	1.73E-9	4.44E-11	1.91E-4	7.10E-5	3.02E-4
11/6/98 6.15	ONCLarge	MCI	6.67E-8	2.30E-8	3.79E-9	1.86E-8	6.11E-10	2.16E-3	9.77E-4	4.15E-3
11/6/98 6.16	ONCLarge	MCI	1.98E-11	1.07E-12	1.07E-12	1.72E-12	1.57E-14	2.69E-7	1.01E-6	1.01E-6
11/6/98 6.17	ONCLarge	MCI	1.66E-10	1.67E-12	1.57E-10	1.57E-10	2.28E-12	4.42E-6	3.65E-6	1.55E-5
11/6/98 6.18	ONCLarge	MID	1.87E-9	6.64E-10	3.80E-10	4.07E-13	2.97E-5	6.51E-7	2.77E-6	2.77E-6
11/6/98 6.19	ONCLarge	MID	3.97E-9	3.93E-9	3.93E-9	0.00E+0	0.00E+0	1.57E-6	1.45E-6	1.45E-6
11/6/98 6.20	ONCLarge	MID	2.65E-8	4.90E-9	6.00E-9	7.37E-12	5.35E-4	1.18E-5	5.01E-5	5.01E-5
11/6/98 6.20	ONCLarge	MID	1.62E-9	1.11E-9	7.76E-10	3.37E-10	3.34E-13	1.99E-5	5.34E-7	2.27E-6
11/6/98 6.21	ONCLarge	STG	9.14E-7	4.85E-7	9.24E-8	6.24E-7	9.87E-10	9.98E-3	4.90E-3	4.90E-3
11/6/98 6.22	ONCLarge	STG	7.69E-6	5.51E-7	7.13E-9	5.37E-7	7.49E-9	4.24E-2	1.20E-2	5.09E-2
11/6/98 6.23	ONCLarge	STG	3.44E-6	2.06E-7	3.29E-9	1.99E-7	2.94E-9	1.89E-2	4.70E-3	2.00E-2
11/6/98 6.24	ONCLarge	STG	1.86E-10	1.86E-10	2.09E-10	6.74E-10	6.74E-10	1.16E-6	3.95E-6	3.95E-6
11/6/98 6.25	ONCLarge	340	1.23E-10	2.22E-10	1.28E-10	1.28E-10	2.15E-12	1.31E-5	3.44E-6	1.46E-5
11/6/98 6.26	ONCLarge	340	2.31E-9	5.97E-10	1.90E-10	4.01E-10	5.89E-12	4.11E-5	9.42E-6	4.00E-5
11/6/98 6.27	ONCLarge	340	1.18E-9	9.86E-10	9.18E-10	2.12E-10	2.24E-6	1.58E-6	1.58E-6	1.58E-6
11/6/98 6.28	ONCLarge	340	5.72E-11	3.87E-11	1.44E-11	3.43E-13	6.29E-7	5.49E-7	2.33E-6	2.33E-6
11/6/98 6.29	ONCLarge	342	4.27E-10	8.60E-12	4.17E-10	6.17E-13	2.97E-5	9.87E-7	4.19E-6	4.19E-6
11/6/98 6.30	ONCLarge	342	3.66E-10	1.20E-10	1.71E-11	1.00E-10	2.95E-12	1.16E-5	4.73E-6	2.01E-5
11/6/98 6.30	ONCLarge	342	8.20E-9	1.94E-9	1.60E-11	1.92E-9	4.31E-12	1.96E-4	6.90E-6	2.93E-5
11/6/98 6.31	ONCLarge	342	6.78E-9	1.60E-9	2.59E-11	1.57E-9	2.53E-12	1.60E-4	4.05E-6	1.72E-5
11/6/98 6.32	ONCLarge	453	5.05E-10	2.00E-10	8.85E-11	1.11E-10	2.30E-12	1.25E-5	3.68E-6	1.59E-5
11/6/98 6.33	ONCLarge	453	8.24E-9	1.66E-9	9.77E-10	6.75E-10	4.98E-12	6.92E-5	7.96E-6	3.38E-5
11/6/98 6.34	ONCLarge	453	3.86E-9	1.32E-9	8.46E-10	4.73E-10	2.17E-12	4.88E-5	3.47E-6	1.48E-5
11/6/98 6.35	ONCLarge	468	1.93E-9	4.40E-9	1.57E-11	4.37E-9	1.09E-11	4.44E-4	1.74E-5	7.41E-5
11/6/98 6.36	ONCLarge	468	2.00E-8	1.30E-9	3.22E-12	6.29E-9	9.42E-12	4.36E-4	1.51E-5	6.40E-5
11/6/98 6.36	ONCLarge	468	2.72E-9	1.34E-9	1.77E-12	1.34E-9	2.98E-12	4.67E-5	4.76E-6	2.02E-5
11/6/98 6.37	ONCLarge	468	1.47E-9	4.64E-10	7.71E-11	3.80E-10	6.95E-12	4.19E-5	1.11E-5	4.73E-5
11/6/98 6.38	ONCLarge	701	2.84E-9	1.26E-9	1.73E-9	6.98E-9	2.37E-10	7.93E-4	3.79E-4	1.61E-3
11/6/98 6.39	ONCLarge	701	2.75E-9	1.36E-9	9.38E-13	1.34E-9	2.48E-11	4.81E-5	3.97E-5	1.69E-4
11/6/98 6.40	ONCLarge	701	3.03E-8	7.17E-9	2.20E-11	7.02E-9	1.29E-10	7.17E-4	2.06E-4	8.74E-4
11/6/98 6.41	ONCLarge	704	2.84E-8	8.95E-9	1.73E-9	6.98E-9	2.37E-10	7.93E-4	3.79E-4	1.61E-3
11/6/98 6.41	ONCLarge	704	2.36E-7	7.43E-8	1.43E-8	5.80E-8	1.97E-9	6.59E-3	3.15E-3	1.34E-2
11/6/98 6.42	ONCLarge	704	1.51E-8	4.46E-9	9.21E-10	3.47E-9	7.12E-11	3.80E-4	1.14E-4	4.84E-4
11/6/98 6.43	ONCLarge	708	5.10E-7	1.95E-7	4.21E-10	1.10E-7	1.11E-9	4.97E-2	1.52E-2	5.20E-2
11/6/98 6.44	ONCLarge	708	3.36E-6	6.53E-7	1.30E-9	6.45E-7	6.59E-2	6.59E-2	1.11E-2	4.70E-2
11/6/98 6.45	ONCLarge	708	5.37E-8	1.59E-8	8.71E-11	1.57E-8	1.14E-10	1.28E-3	1.83E-4	7.76E-4
11/6/98 6.46	ONCLarge	725	2.07E-13	6.66E-12	5.74E-13	3.74E-13	8.66E-13	6.45E-9	6.45E-9	6.45E-9
11/6/98 6.47	ONCLarge	725	2.06E-11	6.66E-12	8.61E-13	5.62E-12	1.81E-13	6.60E-7	2.89E-7	1.23E-6
11/6/98 6.47	ONCLarge	725	2.41E-12	7.84E-13	1.06E-13	6.57E-13	2.11E-14</			

RESULTS for Stds Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)	
11/6/98 7.07	OINCSmal	A45	Highlands Reservoir	2.08E-10	3.32E-11	1.35E-11	1.89E-11	8.52E-13	2.01E-6	1.36E-6	5.80E-6
11/6/98 7.08	OINCSmal	A45	Greens Bayou	7.07E-9	8.44E-10	1.63E-11	8.26E-10	1.63E-12	7.46E-5	2.80E-6	1.11E-5
11/6/98 7.09	OINCSmal	A45	Buffalo Bayou	8.72E-9	1.55E-9	7.30E-11	1.45E-9	2.51E-12	9.27E-5	4.02E-6	1.71E-5
11/6/98 7.10	OINCSmal	A46	Little Muskingum River	3.53E-11	3.35E-11	3.35E-11	0.00E+0	0.00E+0	3.54E-8	0.00E+0	0.00E+0
11/6/98 7.10	OINCSmal	A46	Ohio River	1.24E-11	1.23E-11	1.23E-11	0.00E+0	0.00E+0	4.46E-9	0.00E+0	0.00E+0
11/6/98 7.11	OINCSmal	A46	Middle Island Creek	3.72E-11	3.95E-11	3.95E-11	0.00E+0	0.00E+0	3.86E-8	0.00E+0	0.00E+0
11/6/98 7.12	OINCSmal	A47	Caney River	3.00E-11	3.92E-12	2.48E-12	1.43E-12	9.64E-15	1.22E-7	1.54E-8	6.55E-8
11/6/98 7.13	OINCSmal	A47	Sand Creek	1.15E-10	1.21E-11	6.81E-12	5.25E-12	2.92E-14	4.78E-7	4.67E-8	1.99E-7
11/6/98 7.14	OINCSmal	A47	Bar-Down Lake	5.95E-11	1.02E-11	4.76E-12	5.26E-12	2.09E-13	5.59E-7	3.34E-7	1.40E-6
11/6/98 7.15	OINCSmal	A47	Lake Hudson	3.44E-11	6.56E-12	3.45E-12	2.98E-12	1.24E-13	3.18E-7	1.98E-7	8.40E-7
11/6/98 7.16	OINCSmal	A55	Mohawk River	3.23E-12	2.16E-12	9.98E-13	1.15E-12	1.18E-14	3.63E-8	1.89E-8	8.03E-8
11/6/98 7.16	OINCSmal	A55	Applause Kill River	3.12E-11	8.99E-12	3.29E-12	5.64E-12	6.82E-14	5.77E-7	1.09E-7	4.64E-7
11/6/98 7.17	OINCSmal	A55	Stony Creek Reservoir	3.04E-12	1.26E-12	5.18E-13	7.18E-13	2.25E-14	8.33E-8	3.60E-8	1.53E-7
11/6/98 7.18	OINCSmal	A55	Watervliet Reservoir	1.68E-11	9.58E-12	6.59E-12	2.93E-12	5.87E-14	3.25E-7	9.39E-8	3.99E-7
11/6/98 7.19	OINCSmal	B18	Gulf Intracoastal Waterway	9.95E-12	7.53E-12	7.37E-12	1.56E-13	9.28E-16	1.46E-8	1.48E-9	6.30E-9
11/6/98 7.20	OINCSmal	B18	Bayou La Bute	1.13E-10	7.57E-11	7.24E-11	3.23E-12	2.90E-14	2.28E-7	4.64E-8	1.97E-7
11/6/98 7.21	OINCSmal	B18	Mississippi River	1.03E-13	9.78E-14	9.59E-14	1.91E-15	1.32E-17	3.21E-11	2.12E-11	9.01E-11
11/6/98 7.22	OINCSmal	B18	Bayou Manchac	9.04E-11	5.60E-11	5.42E-11	1.77E-12	1.30E-14	2.04E-7	2.08E-8	8.87E-8
11/6/98 7.22	OINCSmal	B23	Hilbrandt Bayou	4.10E-10	7.18E-11	8.22E-12	6.54E-11	1.94E-13	4.37E-6	3.10E-7	1.32E-6
11/6/98 7.23	OINCSmal	B23	Cow Bayou	2.97E-10	5.53E-11	3.21E-12	5.19E-11	1.90E-13	3.14E-6	3.04E-7	1.29E-6
11/6/98 7.24	OINCSmal	B23	Neches River	9.29E-12	3.30E-12	2.89E-13	2.99E-12	7.81E-16	7.38E-8	1.25E-8	5.31E-8
11/6/98 7.25	OINCSmal	B23	Port Arthur Reservoir	3.08E-10	4.81E-11	1.88E-11	2.81E-11	1.26E-12	2.99E-6	2.01E-6	8.56E-6
11/6/98 19.31	OINCSmal	B31	Wassahickon Creek	1.16E-7	2.47E-8	1.20E-10	2.45E-8	1.39E-10	2.48E-3	2.22E-4	9.43E-4
11/6/98 19.32	OINCSmal	B31	Neshaminy Creek	1.40E-8	4.94E-9	2.43E-11	4.88E-9	3.12E-11	3.16E-4	4.99E-5	2.12E-4
11/6/98 19.33	OINCSmal	B31	Peace Valley Reservoir	4.20E-9	1.37E-9	2.08E-10	1.13E-9	3.84E-11	1.30E-4	5.18E-5	2.20E-4
11/6/98 19.34	OINCSmal	B31	Scokuykill River	7.00E-9	3.06E-9	3.46E-11	3.01E-9	1.62E-11	1.34E-4	2.59E-5	1.10E-4
11/6/98 7.29	OINCSmal	B32	Cedar Bayou	7.34E-8	9.79E-9	1.45E-10	9.81E-9	2.85E-11	7.92E-4	4.56E-5	1.94E-4
11/6/98 7.30	OINCSmal	B32	Gay Bayou	1.10E-6	1.17E-7	1.79E-10	1.16E-7	5.12E-10	1.17E-2	8.19E-4	3.48E-3
11/6/98 7.31	OINCSmal	B32	Goose Creek	6.47E-7	7.23E-8	1.66E-10	7.20E-8	2.23E-10	7.25E-3	3.58E-4	1.52E-3
11/6/98 7.32	OINCSmal	B37	Arkansas River	1.43E-12	8.17E-13	5.79E-13	2.37E-13	4.34E-16	2.96E-9	6.94E-10	2.95E-9
11/6/98 7.33	OINCSmal	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	7.48E-11	8.47E-12	5.16E-12	3.30E-12	6.87E-15	3.04E-7	1.10E-8	4.67E-8
11/6/98 7.34	OINCSmal	B37	Yellow Lake	1.04E-10	2.51E-11	1.63E-11	8.48E-12	3.79E-13	9.15E-7	6.06E-7	2.57E-6
11/6/98 7.35	OINCSmal	B37	Lake Pine Bluff	1.66E-10	3.79E-11	2.44E-11	1.30E-11	5.21E-13	1.39E-6	8.33E-7	3.54E-6
11/6/98 7.36	OINCSmal	B44	Sheldon Reservoir	5.36E-10	8.35E-11	3.25E-11	4.89E-11	2.20E-12	5.20E-6	3.52E-6	1.50E-5
11/6/98 7.36	OINCSmal	B44	Greens Bayou	3.02E-9	5.35E-10	3.80E-12	5.30E-10	1.10E-12	3.22E-5	1.76E-6	7.47E-6
11/6/98 7.37	OINCSmal	B44	Buffalo Bayou	1.32E-9	3.63E-10	3.19E-12	3.59E-10	7.13E-13	1.26E-5	1.14E-6	4.85E-6
11/6/98 7.38	OINCSmal	B44	Hunting Bayou	1.32E-8	1.69E-9	7.27E-12	1.69E-9	3.95E-12	1.43E-4	6.32E-6	2.69E-5
11/6/98 7.39	OINCSmal	TOO	Rush Lake	1.05E-9	9.44E-10	8.91E-10	5.16E-11	9.63E-13	8.21E-6	1.54E-6	6.55E-6
11/6/98 7.40	OINCSmal	TOO	Box Elder Wash	6.70E-9	5.36E-9	5.21E-9	1.48E-10	3.59E-13	2.08E-5	5.75E-7	2.44E-6
11/6/98 7.41	OINCSmal	TOO	Blue Lakes	1.62E-11	1.55E-11	1.52E-11	2.87E-13	8.13E-15	7.37E-9	1.30E-8	5.50E-8
11/6/98 7.42	OINCSmal	TOO	Soldier Creek	2.10E-10	1.56E-10	1.37E-10	1.97E-11	7.54E-14	2.18E-6	1.21E-7	5.13E-7

RESULTS for BTF Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)
11/6/98 017	CINC	209	3.65E-10	5.68E-11	1.98E-12	5.41E-11	7.11E-13	5.51E-6	1.14E-6	4.83E-6
11/6/98 018	CINC	209	6.27E-10	1.48E-10	3.31E-12	1.41E-10	1.50E-12	1.44E-5	2.40E-6	1.00E-5
11/6/98 019	CINC	209	1.12E-9	1.12E-9	4.63E-12	1.23E-10	1.23E-10	1.23E-5	2.63E-6	1.11E-5
11/6/98 020	CINC	209	2.93E-10	5.70E-11	1.42E-12	5.49E-11	7.61E-13	5.59E-6	1.17E-6	5.17E-6
11/6/98 020	CINC	214	4.15E-10	8.58E-11	2.74E-11	6.60E-11	2.31E-12	6.01E-6	3.70E-6	1.57E-5
11/6/98 021	CINC	214	5.94E-9	5.94E-9	3.75E-10	3.75E-10	6.93E-5	6.93E-5	4.22E-5	1.70E-4
11/6/98 022	CINC	214	5.09E-10	1.04E-10	3.28E-11	6.88E-11	2.85E-12	7.37E-6	4.56E-6	1.94E-5
11/6/98 023	CINC	214	1.01E-9	1.43E-10	1.69E-11	1.25E-10	8.70E-13	5.22E-6	1.39E-6	5.92E-6
11/6/98 024	CINC	221	2.25E-10	6.16E-11	2.25E-10	1.50E-11	6.95E-13	1.66E-6	1.10E-6	4.66E-6
11/6/98 025	CINC	221	2.27E-10	9.06E-11	7.57E-11	1.42E-11	6.51E-13	1.58E-6	1.04E-6	4.42E-6
11/6/98 025	CINC	221	1.43E-10	5.02E-11	3.73E-11	1.29E-11	4.07E-14	1.14E-6	6.52E-8	2.77E-7
11/6/98 026	CINC	324	8.76E-10	2.00E-10	3.01E-12	1.96E-10	1.96E-10	1.96E-5	6.48E-6	1.52E-6
11/6/98 027	CINC	324	5.43E-9	1.22E-9	1.54E-11	1.20E-9	4.73E-12	1.22E-4	7.57E-6	3.22E-5
11/6/98 028	CINC	324	3.89E-9	1.28E-9	2.54E-10	1.01E-9	1.52E-11	1.09E-4	2.43E-5	1.03E-4
11/6/98 028	CINC	324	2.59E-10	6.84E-11	1.59E-12	6.65E-11	3.59E-13	6.74E-6	5.60E-7	2.39E-6
11/6/98 029	CINC	325	1.58E-9	9.05E-9	2.44E-11	8.89E-9	1.35E-10	7.03E-4	2.16E-4	9.19E-4
11/6/98 030	CINC	325	6.99E-7	3.60E-8	5.97E-11	3.54E-8	5.49E-10	3.17E-3	8.78E-4	3.73E-3
11/6/98 031	CINC	325	1.35E-7	8.94E-9	9.40E-11	8.95E-9	1.35E-10	5.97E-4	2.05E-4	8.74E-4
11/6/98 031	CINC	325	8.49E-9	7.60E-10	4.16E-12	7.46E-10	9.66E-12	3.68E-5	1.54E-5	6.57E-5
11/6/98 032	CINC	331	1.97E-9	5.51E-10	8.19E-12	5.39E-10	4.06E-12	5.13E-5	6.49E-6	2.76E-5
11/6/98 033	CINC	331	8.59E-9	2.31E-9	2.74E-11	2.26E-9	2.27E-11	2.31E-4	3.63E-5	1.54E-4
11/6/98 034	CINC	331	9.47E-10	3.12E-10	4.92E-11	2.55E-10	8.31E-12	2.98E-5	1.33E-5	5.65E-5
11/6/98 035	CINC	331	1.31E-9	4.28E-10	6.94E-11	3.50E-10	6.70E-12	3.79E-5	1.07E-5	4.55E-5
11/6/98 035	CINC	359	8.16E-12	8.11E-12	0.00E+0	0.00E+0	0.00E+0	3.21E-9	0.00E+0	0.00E+0
11/6/98 036	CINC	359	6.48E-11	6.07E-11	6.07E-11	0.00E+0	0.00E+0	6.34E-8	0.00E+0	0.00E+0
11/6/98 037	CINC	359	1.05E-10	9.12E-11	0.00E+0	0.00E+0	0.00E+0	9.31E-8	0.00E+0	0.00E+0
11/6/98 038	CINC	359	1.34E-12	1.34E-12	1.34E-12	0.00E+0	0.00E+0	3.89E-10	0.00E+0	0.00E+0
11/6/98 039	CINC	A15	2.34E-11	2.34E-11	6.93E-11	6.93E-11	7.39E-11	6.39E-7	6.42E-7	2.30E-7
11/6/98 039	CINC	A15	2.63E-10	6.96E-11	1.23E-12	6.80E-11	4.56E-13	6.92E-6	7.29E-7	3.10E-6
11/6/98 040	CINC	A15	3.08E-10	8.56E-11	1.00E-12	8.41E-11	5.00E-13	8.28E-6	8.01E-7	3.40E-6
11/6/98 041	CINC	A18	8.17E-11	8.17E-11	8.17E-11	0.00E+0	0.00E+0	8.39E-8	0.00E+0	0.00E+0
11/6/98 042	CINC	A18	6.24E-11	6.24E-11	0.00E+0	0.00E+0	0.00E+0	6.45E-8	0.00E+0	0.00E+0
11/6/98 043	CINC	A18	8.72E-11	8.08E-11	0.00E+0	0.00E+0	0.00E+0	8.42E-8	0.00E+0	0.00E+0
11/6/98 044	CINC	CAL	1.22E-11	1.22E-11	5.08E-12	5.08E-12	5.74E-12	1.15E-7	1.55E-7	6.15E-7
11/6/98 044	CINC	CAL	4.92E-10	2.11E-10	9.66E-11	1.11E-10	3.38E-12	1.29E-5	5.38E-6	2.28E-5
11/6/98 045	CINC	CAL	1.05E-10	4.96E-11	2.69E-11	2.20E-11	7.16E-13	2.59E-6	1.15E-6	4.87E-6
11/6/98 046	CINC	ELD	1.58E-11	1.58E-11	4.16E-12	7.73E-12	1.62E-12	1.62E-7	1.62E-7	6.62E-7
11/6/98 047	CINC	ELD	1.03E-9	9.19E-10	0.00E+0	0.00E+0	0.00E+0	6.59E-7	0.00E+0	0.00E+0
11/6/98 047	CINC	ELD	3.47E-10	2.99E-10	2.99E-10	0.00E+0	0.00E+0	2.88E-7	0.00E+0	0.00E+0
11/6/98 048	CINC	ELD	9.94E-11	9.94E-11	9.94E-11	0.00E+0	0.00E+0	9.94E-11	0.00E+0	0.00E+0
11/6/98 049	CINC	SAU	5.09E-10	1.01E-10	2.79E-11	6.89E-11	2.82E-12	7.47E-6	4.52E-6	1.92E-5
11/6/98 049	CINC	SAU	1.23E-9	1.23E-9	1.23E-9	1.23E-9	1.41E-10	2.17E-10	2.06E-6	8.06E-6
11/6/98 051	CINC	SAU	1.89E-11	1.44E-11	8.17E-13	1.35E-11	2.28E-14	6.45E-8	3.64E-8	1.55E-7
11/6/98 053	CK	202	2.00E-9	2.87E-10	9.42E-11	1.85E-10	8.28E-12	1.97E-5	1.32E-5	5.63E-5
11/6/98 054	CK	202	4.86E-9	4.86E-9	1.33E-9	3.53E-9	3.21E-9	3.39E-4	3.97E-4	8.37E-4
11/6/98 055	CK	202	3.47E-10	2.86E-10	3.93E-11	2.45E-10	2.04E-12	1.51E-5	3.27E-6	1.39E-5
11/6/98 056	CK	203	6.48E-8	1.40E-8	1.43E-10	1.36E-8	3.02E-10	1.40E-3	4.83E-4	2.05E-3
11/6/98 057	CK	203	1.60E-7	8.07E-8	1.73E-10	1.62E-7	3.87E-10	6.46E-4	6.46E-4	2.66E-3
11/6/98 058	CK	203	4.31E-7	8.05E-8	4.47E-10	7.87E-8	1.39E-9	8.08E-3	2.22E-3	8.43E-3
11/6/98 059	CK	203	8.85E-8	1.81E-8	1.25E-10	1.76E-8	3.53E-10	1.81E-3	5.65E-4	2.40E-3
11/6/98 100	CK	204	3.74E-8	4.20E-9	1.26E-10	4.01E-9	6.64E-11	4.08E-4	1.06E-4	4.52E-4
11/6/98 101	CK	204	6.77E-8	7.75E-9	2.97E-10	9.20E-9	1.45E-10	4.95E-4	1.39E-4	5.06E-4
11/6/98 102	CK	204	1.12E-8	4.19E-9	1.17E-9	2.90E-9	1.39E-10	3.10E-4	1.91E-4	8.12E-4
11/6/98 103	CK	204	3.77E-10	2.32E-10	9.98E-12	2.19E-10	3.10E-12	2.06E-6	5.27E-6	2.24E-5
11/6/98 104	CK	204	1.97E-10	1.97E-10	1.97E-10	1.97E-10	1.97E-10	1.37E-7	1.01E-6	1.29E-6
11/6/98 105	CK	302	2.05E-10	1.85E-10	2.61E-12	1.93E-10	2.55E-12	3.34E-7	4.08E-6	1.73E-5
11/6/98 106	CK	302	2.83E-9	2.41E-9	2.27E-11	2.35E-9	3.57E-11	1.84E-5	5.72E-5	2.43E-4
11/6/98 107	CK	304	6.59E-7	6.20E-7	2.26E-9	6.19E-7	1.19E-9	1.22E-2	1.42E-3	1.03E-2
11/6/98 108	CK	304	1.90E-7	5.98E-8	1.02E-8	4.84E-8	1.27E-9	5.41E-3	2.03E-3	8.63E-3
11/6/98 108	CK	304	1.20E-6	1.75E-7	3.62E-10	1.72E-7	2.48E-9	1.78E-2	3.96E-3	1.68E-2
11/6/98 109	CK	320	6.50E-8	1.50E-8	1.88E-7	1.27E-8	5.07E-9	1.54E-3	1.08E-2	4.54E-2
11/6/98 110	CK	320	2.36E-8	8.51E-8	5.68E-10	2.30E-8	7.42E-11	2.04E-3	1.19E-4	5.05E-4
11/6/98 111	CK	320	2.93E-8	1.01E-8	2.08E-9	7.77E-9	2.55E-10	9.13E-4	4.08E-4	1.73E-3
11/6/98 111	CK	321	3.92E-8	1.04E-8	1.66E-10	2.74E-8	3.96E-10	4.19E-3	1.79E-2	6.25E-2
11/6/98 112	CK	321	3.11E-7	7.94E-8	4.19E-10	7.78E-8	1.23E-9	7.92E-3	1.97E-3	8.37E-3
11/6/98 113	CK	321	4.71E-7	1.62E-7	3.25E-8	1.26E-7	3.95E-9	1.47E-2	6.32E-3	2.69E-2
11/6/98 114	CK	321	3.88E-7	1.02E-7	2.27E-8	7.77E-8	1.65E-9	8.30E-3	2.64E-3	1.12E-2
11/6/98 114	CK	BAT	1.11E-7	1.68E-8	1.23E-10	1.64E-8	2.56E-10	1.70E-3	4.10E-4	1.74E-3
11/6/98 115	CK	BAT	1.54E-8	3.82E-9	4.58E-11	3.72E-9	5.25E-11	3.47E-4	8.41E-5	3.57E-4
11/6/98 116	CK	CHA	6.46E-7	9.56E-8	3.33E-8	5.97E-8	2.62E-8	6.35E-3	4.19E-3	1.79E-2
11/6/98 117	CK	CHA	1.51E-6	2.22E-7	7.73E-8	1.36E-7	5.59E-9	1.47E-2	8.94E-3	3.80E-2
11/6/98 118	CK	CHA	1.19E-7	1.76E-8	1.54E-9	1.59E-8	1.09E-10	4.86E-4	1.74E-4	7.39E-4
11/6/98 119	CK	FOR	6.53E-7	3.46E-8	2.30E-9	3.17E-8	5.16E-10	2.85E-3	6.26E-4	3.51E-3
11/6/98 120	CK	FOR	1.13E-6	5.62E-8	1.12E-9	5.41E-8	1.19E-10	4.98E-3	1.47E-3	6.24E-3
11/6/98 120	CK	FOR	3.46E-7	5.30E-8	1.95E-8	3.20E-8	1.46E-9	3.40E-3	2.33E-3	9.90E-3
11/6/98 121	CK	FRE	1.90E-7	1.53E-8	4.11E-10	1.47E-8	2.10E-10	8.33E-4	3.35E-4	1.43E-3
11/6/98 121	CK	FRE	7.46E-8	7.42E-9	1.46E-10	7.19E-9	6.95E-11	3.20E-4	1.27E-4	5.41E-4
11/6/98 122	CK	FRE	5.45E-8	4.61E-9	6.40E-11	4.49E-9	5.64E-11	2.37E-4	9.02E-5	3.83E-4
11/6/98 123	CK	HAR	7.07E-9	1.79E-9	5.49E-11	1.72E-9	1.29E-11	1.55E-4	2.06E-5	8.74E-5
11/6/98 124	CK	HAR	4.39E-10	2.26E-10	1.99E-11	2.04E-10	1.89E-12	7.67E-6	3.02E-6	1.29E-5
11/6/98 124	CK	HAR	3.25E-7	1.09E-7	2.04E-8	8.60E-8	2.87E-9	1.00E-2	4.60E-3	1.95E-2
11/6/98 125	CK	HOL	4.45E-7	1.49E-7	2.70E-8	1.18E-7	3.99E-9	1.37E-2	6.36E-3	2.70E-2
11/6/98 126	CK	HOL	5.98E-7	1.87E-7	3.46E-8	1.34E-7	4.07E-9	1.51E-2	5.90E-3	2.46E-2
11/6/98 127	CK	TEX	4.91E-6	4.09E-7	1.80E-9	4.01E-7	6.08E-9	4.09E-2	9.73E-3	4.14E-2
11/6/98 128	CK	TEX	7.82E-7	1.07E-7	3.47E-8	6.99E-8	2.45E-9	7.34E-3	3.92E-3	1.67E-2
11/6/98 128	CK	TEX	7.82E-7	1.07E-7	3.47E-8	6.99E-8	2.45E-9	7.34E-3	3.92E-3	1.67E-2
11/6/98 129	CK	TEX	3.87E-6	2.41E-7	1.35E-9	2.36E-7	3.60E-9	2.41E-2	5.76E-3	2.45E-2
11/6/98 130	CK	WAM	6.32E-7	1.68E-7	1.29E-9	1.65E-7	1.47E-9	1.56E-2	2.35E-3	1.00E-2
11/6/98 131	CK	WAM	2.11E-7	8.45E-8	5.04E-9	8.34E-8	5.94E-10	3.11E-3	8.99E-4	3.85E-3
11/6/98 131	CK	WAM	9.85E-8	5.17E-8	3.48E-10	5.09E-8	4.08E-10	1.62E-3	6.52E-4	2.77E-3
11/6/98 132	CK	WAM	1.86E-7	5.70E-8	5.94E-10	5.59E-8	5.73E-10			

RESULTS for BTF Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg0 Dissolved Conc. (mg/L)	Hg2 Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)
11/6/98 149	ONCLarge	334	2.50E-9	2.66E-10	3.21E-12	2.61E-10	2.33E-12	2.67E-5	3.72E-6	1.58E-6
11/6/98 150	ONCLarge	334	7.97E-10	1.49E-10	3.37E-11	1.10E-10	4.50E-12	1.18E-5	7.19E-6	3.00E-5
11/6/98 151	ONCLarge	334	1.39E-9	1.39E-10	5.97E-11	1.94E-10	7.93E-12	2.07E-5	1.29E-5	5.23E-5
11/6/98 152	ONCLarge	463	8.67E-10	7.64E-10	1.07E-10	0.00E+0	0.00E+0	7.82E-7	0.00E+0	0.00E+0
11/6/98 152	ONCLarge	463	1.18E-9	1.07E-9	1.07E-9	0.00E+0	0.00E+0	9.01E-7	0.00E+0	0.00E+0
11/6/98 153	ONCLarge	463	2.34E-9	2.34E-9	2.34E-9	0.00E+0	0.00E+0	2.38E-6	0.00E+0	0.00E+0
11/6/98 154	ONCLarge	463	1.65E-10	1.46E-10	1.46E-10	0.00E+0	0.00E+0	1.49E-7	0.00E+0	0.00E+0
11/6/98 155	ONCLarge	464	1.98E-9	5.17E-10	3.18E-11	1.16E-12	4.96E-5	1.85E-6	7.87E-6	1.45E-5
11/6/98 155	ONCLarge	464	1.16E-10	3.71E-10	2.08E-11	2.13E-12	1.05E-5	1.45E-5	1.45E-5	1.45E-5
11/6/98 156	ONCLarge	464	1.08E-10	3.63E-11	1.62E-12	2.91E-11	9.44E-13	3.42E-6	1.51E-6	6.42E-6
11/6/98 157	ONCLarge	504	1.04E-10	1.01E-10	1.01E-10	0.00E+0	0.00E+0	9.61E-8	0.00E+0	0.00E+0
11/6/98 158	ONCLarge	504	6.36E-10	6.15E-10	6.15E-10	0.00E+0	0.00E+0	6.70E-7	0.00E+0	0.00E+0
11/6/98 158	ONCLarge	504	1.71E-10	1.69E-10	1.69E-10	0.00E+0	0.00E+0	2.29E-7	0.00E+0	0.00E+0
11/6/98 159	ONCLarge	504	6.21E-11	6.17E-11	6.17E-11	0.00E+0	0.00E+0	2.16E-8	0.00E+0	0.00E+0
11/6/98 200	ONCLarge	600	6.52E-8	9.00E-9	2.89E-9	6.03E-9	2.80E-10	6.43E-4	4.46E-4	1.90E-3
11/6/98 201	ONCLarge	600	3.58E-8	5.23E-9	2.43E-11	5.19E-9	1.60E-11	3.87E-4	2.56E-5	1.09E-4
11/6/98 202	ONCLarge	600	3.91E-9	1.12E-9	1.15E-11	1.11E-9	3.77E-12	3.70E-5	6.04E-6	2.57E-5
11/6/98 202	ONCLarge	600	1.55E-11	8.97E-12	7.88E-12	4.55E-14	1.21E-7	7.20E-8	3.10E-7	7.20E-8
11/6/98 203	ONCLarge	711	3.72E-13	3.42E-13	3.27E-13	1.45E-14	6.22E-17	1.93E-10	9.95E-11	4.23E-10
11/6/98 204	ONCLarge	806	6.15E-11	6.06E-11	6.06E-11	0.00E+0	0.00E+0	8.25E-8	0.00E+0	0.00E+0
11/6/98 205	ONCLarge	806	5.64E-11	5.55E-11	5.55E-11	0.00E+0	0.00E+0	7.35E-8	0.00E+0	0.00E+0
11/6/98 206	ONCLarge	806	5.94E-10	5.57E-10	5.57E-10	0.00E+0	0.00E+0	5.32E-7	0.00E+0	0.00E+0
11/6/98 206	ONCLarge	806	9.28E-10	8.96E-10	8.96E-10	0.00E+0	0.00E+0	9.82E-7	0.00E+0	0.00E+0
11/6/98 207	ONCLarge	915	4.15E-10	4.15E-10	4.15E-10	0.00E+0	0.00E+0	1.80E-7	0.00E+0	0.00E+0
11/6/98 208	ONCLarge	915	5.56E-10	5.48E-10	5.48E-10	0.00E+0	0.00E+0	7.47E-7	0.00E+0	0.00E+0
11/6/98 209	ONCLarge	915	5.28E-11	5.20E-11	5.20E-11	0.00E+0	0.00E+0	7.14E-8	0.00E+0	0.00E+0
11/6/98 209	ONCLarge	A32	1.39E-10	1.34E-10	1.34E-10	0.00E+0	0.00E+0	6.91E-8	0.00E+0	0.00E+0
11/6/98 210	ONCLarge	A43	5.01E-10	4.90E-10	4.90E-10	0.00E+0	0.00E+0	5.92E-7	0.00E+0	0.00E+0
11/6/98 211	ONCLarge	A43	6.22E-10	6.22E-10	6.22E-10	0.00E+0	0.00E+0	6.69E-7	0.00E+0	0.00E+0
11/6/98 212	ONCLarge	A43	3.57E-10	3.54E-10	3.54E-10	0.00E+0	0.00E+0	2.00E-7	0.00E+0	0.00E+0
11/6/98 213	ONCLarge	A43	3.47E-10	3.43E-10	3.43E-10	0.00E+0	0.00E+0	3.95E-7	0.00E+0	0.00E+0
11/6/98 213	ONCLarge	A50	5.68E-9	1.22E-11	5.63E-9	3.57E-11	3.58E-4	5.72E-5	2.43E-4	1.00E-3
11/6/98 214	ONCLarge	A50	4.41E-9	6.86E-10	2.66E-10	4.01E-10	4.28E-5	2.99E-5	1.27E-4	4.00E-4
11/6/98 215	ONCLarge	A50	2.49E-9	7.10E-10	4.29E-10	4.10E-10	4.07E-5	6.85E-6	3.65E-6	1.50E-5
11/6/98 216	ONCLarge	A62	1.04E-9	4.20E-10	4.16E-10	1.27E-12	8.24E-6	4.37E-6	1.86E-5	6.00E-5
11/6/98 216	ONCLarge	A62	1.87E-10	1.87E-10	1.87E-10	0.00E+0	0.00E+0	1.45E-7	0.00E+0	0.00E+0
11/6/98 217	ONCLarge	A62	3.91E-10	3.89E-10	3.89E-10	0.00E+0	0.00E+0	3.17E-7	0.00E+0	0.00E+0
11/6/98 218	ONCLarge	A62	1.86E-10	1.86E-10	1.86E-10	0.00E+0	0.00E+0	1.49E-7	0.00E+0	0.00E+0
11/6/98 219	ONCLarge	A62	1.40E-11	1.30E-11	1.30E-11	0.00E+0	0.00E+0	1.36E-8	0.00E+0	0.00E+0
11/6/98 220	ONCLarge	B20	6.50E-10	6.41E-10	6.41E-10	0.00E+0	0.00E+0	6.91E-7	0.00E+0	0.00E+0
11/6/98 220	ONCLarge	B20	1.83E-9	1.81E-9	1.81E-9	0.00E+0	0.00E+0	2.40E-6	0.00E+0	0.00E+0
11/6/98 221	ONCLarge	B20	6.70E-10	6.55E-10	6.55E-10	0.00E+0	0.00E+0	7.30E-7	0.00E+0	0.00E+0
11/6/98 222	ONCLarge	B20	6.03E-10	5.94E-10	5.94E-10	0.00E+0	0.00E+0	6.08E-7	0.00E+0	0.00E+0
11/6/98 223	ONCLarge	HNN	1.74E-9	2.29E-10	6.14E-12	2.19E-10	3.72E-12	2.03E-5	5.96E-6	2.53E-6
11/6/98 224	ONCLarge	HNN	1.33E-9	2.63E-10	7.64E-11	1.80E-10	7.34E-12	1.92E-5	1.17E-5	4.99E-5
11/6/98 224	ONCLarge	HNN	4.23E-11	4.23E-11	4.23E-11	1.86E-11	8.79E-12	4.98E-7	2.88E-7	1.17E-6
11/6/98 225	ONCLarge	KN	2.94E-9	1.21E-9	5.91E-10	6.19E-10	3.78E-12	6.37E-5	6.02E-6	2.56E-5
11/6/98 226	ONCLarge	KN	1.61E-9	6.48E-10	2.54E-10	3.82E-10	1.17E-11	4.45E-5	1.88E-5	7.98E-5
11/6/98 227	ONCLarge	KN	1.63E-10	4.07E-10	2.21E-10	1.63E-10	1.63E-5	1.71E-6	7.27E-6	2.87E-5
11/6/98 227	ONCLarge	KN	4.75E-9	1.44E-9	9.82E-10	4.51E-10	3.72E-12	4.69E-5	2.83E-6	1.10E-5
11/6/98 228	ONCLarge	MCI	1.62E-9	5.59E-10	9.27E-11	4.55E-10	1.17E-11	5.03E-5	1.87E-5	7.94E-5
11/6/98 229	ONCLarge	MCI	1.75E-8	6.05E-9	9.93E-10	4.90E-9	1.61E-10	5.69E-4	2.57E-4	1.09E-3
11/6/98 230	ONCLarge	MCI	5.22E-12	5.22E-12	2.92E-12	2.92E-12	2.16E-8	2.65E-7	2.65E-7	2.65E-7
11/6/98 231	ONCLarge	MCI	1.75E-11	4.35E-11	1.79E-12	4.12E-11	6.01E-13	1.16E-6	9.62E-7	4.09E-6
11/6/98 231	ONCLarge	MID	3.88E-10	2.62E-10	1.99E-10	6.23E-11	6.67E-14	4.96E-6	1.07E-7	4.54E-7
11/6/98 232	ONCLarge	MID	1.94E-9	1.28E-9	9.14E-9	9.14E-9	9.14E-9	5.61E-6	5.61E-6	2.67E-7
11/6/98 233	ONCLarge	MID	5.02E-9	2.45E-9	1.47E-9	9.84E-10	1.21E-12	8.84E-5	1.93E-6	8.22E-6
11/6/98 234	ONCLarge	MID	3.73E-10	2.89E-10	2.33E-10	5.52E-11	6.47E-14	3.35E-6	8.76E-8	3.72E-7
11/6/98 235	ONCLarge	STG	7.03E-9	4.92E-9	5.60E-9	5.60E-9	1.83E-4	4.78E-4	1.08E-4	4.57E-4
11/6/98 236	ONCLarge	STG	5.92E-8	4.27E-8	4.13E-8	5.76E-10	3.27E-3	9.22E-4	3.92E-3	1.54E-3
11/6/98 236	ONCLarge	STG	2.65E-7	1.59E-8	3.01E-10	1.53E-8	2.26E-10	1.45E-3	3.62E-4	1.54E-3
11/6/98 237	ONCLarge	STG	1.18E-11	1.44E-11	1.44E-11	4.42E-12	5.59E-7	7.07E-7	3.07E-7	1.15E-6
11/6/98 239	ONCLarge	340	1.21E-9	1.26E-10	5.26E-11	1.22E-12	7.44E-6	1.96E-6	8.31E-6	3.16E-6
11/6/98 240	ONCLarge	340	1.31E-9	3.40E-10	1.08E-10	2.28E-10	3.35E-12	2.34E-5	2.28E-5	2.28E-5
11/6/98 240	ONCLarge	340	1.83E-10	1.70E-10	1.70E-10	0.00E+0	0.00E+0	1.28E-5	1.51E-6	6.00E-6
11/6/98 241	ONCLarge	340	3.26E-11	2.20E-11	1.86E-11	1.95E-13	3.58E-7	3.12E-7	1.33E-6	1.33E-6
11/6/98 242	ONCLarge	342	4.27E-10	4.27E-10	8.06E-12	4.17E-10	2.97E-5	9.87E-7	4.19E-6	1.93E-6
11/6/98 243	ONCLarge	342	3.66E-10	1.20E-10	1.71E-11	1.00E-10	2.95E-12	1.16E-5	4.73E-6	2.01E-5
11/6/98 244	ONCLarge	342	8.20E-9	1.94E-9	1.60E-11	1.92E-9	4.31E-12	1.96E-4	6.90E-6	2.93E-5
11/6/98 244	ONCLarge	342	6.78E-9	1.60E-9	2.59E-11	1.57E-9	2.53E-12	1.60E-4	1.72E-5	6.78E-6
11/6/98 245	ONCLarge	453	7.91E-11	3.13E-11	1.38E-11	1.72E-11	3.55E-13	1.92E-6	5.68E-7	2.41E-6
11/6/98 246	ONCLarge	453	1.27E-9	2.66E-10	1.51E-10	1.04E-10	7.68E-13	1.07E-5	1.25E-6	5.22E-6
11/6/98 247	ONCLarge	453	5.95E-10	2.04E-10	1.30E-10	7.31E-11	3.35E-13	7.53E-6	5.36E-7	2.29E-6
11/6/98 248	ONCLarge	468	1.93E-9	4.40E-9	1.57E-11	4.37E-9	1.09E-11	4.44E-4	1.74E-5	7.41E-5
11/6/98 249	ONCLarge	468	2.00E-8	1.30E-9	3.22E-12	6.29E-9	9.42E-12	4.36E-4	1.51E-5	6.40E-5
11/6/98 249	ONCLarge	468	2.72E-9	1.34E-9	1.77E-12	1.34E-9	2.98E-12	4.67E-5	4.76E-6	2.02E-5
11/6/98 250	ONCLarge	468	1.47E-9	4.64E-10	7.71E-11	3.80E-10	6.98E-12	4.19E-5	1.11E-5	4.73E-5
11/6/98 251	ONCLarge	701	2.17E-9	1.20E-9	2.76E-12	1.17E-9	2.12E-11	3.27E-5	3.40E-5	1.44E-4
11/6/98 252	ONCLarge	701	2.57E-9	1.27E-9	8.76E-13	1.25E-9	2.32E-11	4.50E-5	3.71E-5	1.58E-4
11/6/98 253	ONCLarge	701	2.63E-8	6.69E-9	2.06E-11	6.55E-9	1.20E-10	6.70E-4	1.92E-4	8.16E-4
11/6/98 253	ONCLarge	704	4.41E-9	1.39E-9	2.69E-10	1.08E-9	3.66E-11	1.23E-4	5.98E-5	2.50E-4
11/6/98 254	ONCLarge	704	3.66E-8	1.15E-8	2.22E-9	8.99E-8	3.06E-10	1.02E-3	4.88E-4	2.08E-3
11/6/98 255	ONCLarge	704	2.34E-9	6.91E-10	1.43E-10	5.37E-10	1.10E-11	5.89E-5	1.77E-5	7.51E-5
11/6/98 256	ONCLarge	708	3.27E-8	1.81E-8	8.27E-8	1.79E-8	1.84E-9	1.29E-4	8.49E-4	3.40E-4
11/6/98 257	ONCLarge	708	5.44E-7	1.06E-7	2.11E-10	1.04E-7	1.07E-2	1.07E-2	1.79E-3	7.61E-3
11/6/98 257	ONCLarge	708	8.70E-9	2.57E-9	1.41E-11	2.54E-9	1.85E-11	2.07E-4	2.96E-5	1.26E-4
11/6/98 258	ONCLarge	725	3.27E-8	1.05E-8	3.74E-13	3.74E-8	3.66E-8	6.85E-8	6.15E-9	8.49E-4
11/6/98 259	ONCLarge	725	2.06E-11	6.66E-12	8.61E-13	5.62E-12	1.81E-13	6.60E-7	2.98E-7	1.23E-6
11/6/98 300	ONCLarge	725	2.41E-12	7.84E-13	1.06E-13	6.57E-13	2.11E-14	7.71E-8	3.37E-8	1.43E-7

RESULTS for BTF Emissions

Facility	Site	Waterbody	Total Hg Conc. (mg/L)	Total Dissolved Hg Conc. (mg/L)	Hg ⁰ Dissolved Conc. (mg/L)	Hg ² Dissolved Conc. (mg/L)	MHg Dissolved Conc. (mg/L)	Total Hg Sorbed in Sediment (mg/kg)	T3 Fish MHg (mg/kg)	T4 Fish MHg (mg/kg)	
11/6/98 3.22	OINCSmal	A45	Highlands Reservoir	3.38E-11	5.38E-12	2.18E-12	3.05E-12	1.38E-13	3.27E-7	2.21E-7	9.40E-7
11/6/98 3.23	OINCSmal	A45	Greens Bayou	1.15E-9	1.27E-10	2.65E-12	1.34E-10	2.64E-13	1.21E-5	4.22E-7	1.79E-6
11/6/98 3.24	OINCSmal	A45	Buffalo Bayou	1.41E-9	2.52E-10	1.18E-11	2.40E-10	4.08E-13	1.50E-5	6.52E-7	2.77E-6
11/6/98 3.25	OINCSmal	A46	Little Muskingum River	5.71E-12	5.43E-12	5.43E-12	0.00E+0	0.00E+0	5.74E-9	0.00E+0	0.00E+0
11/6/98 3.27	OINCSmal	A46	Ohio River	2.01E-12	2.00E-12	0.00E+0	0.00E+0	0.00E+0	7.23E-10	0.00E+0	0.00E+0
11/6/98 3.28	OINCSmal	A46	Middle Island Creek	6.03E-12	5.80E-12	5.80E-12	0.00E+0	0.00E+0	6.26E-9	0.00E+0	0.00E+0
11/6/98 3.29	OINCSmal	A47	Caney River	3.00E-11	3.92E-12	2.48E-12	1.43E-12	9.64E-15	1.22E-7	1.54E-8	6.55E-8
11/6/98 3.30	OINCSmal	A47	Sand Creek	1.15E-10	1.21E-11	6.81E-12	5.25E-12	2.92E-14	4.78E-7	4.67E-8	1.99E-7
11/6/98 3.31	OINCSmal	A47	Bar-Down Lake	5.95E-11	1.02E-11	4.76E-12	5.26E-12	2.09E-13	5.59E-7	3.34E-7	1.40E-6
11/6/98 3.32	OINCSmal	A47	Lake Hudson	3.44E-11	6.56E-12	3.45E-12	2.98E-12	1.24E-13	3.18E-7	1.98E-7	8.40E-7
11/6/98 3.33	OINCSmal	A55	Mohawk River	3.23E-12	2.16E-12	9.98E-13	1.15E-12	1.18E-14	3.63E-8	1.89E-8	8.03E-8
11/6/98 3.33	OINCSmal	A55	Applause Kill River	3.12E-11	8.99E-12	3.29E-12	5.64E-12	6.82E-14	5.77E-7	1.09E-7	4.64E-7
11/6/98 3.34	OINCSmal	A55	Stony Creek Reservoir	3.04E-12	1.26E-12	5.18E-13	7.18E-13	2.25E-14	8.33E-8	3.60E-8	1.53E-7
11/6/98 3.35	OINCSmal	A55	Watervliet Reservoir	1.68E-11	9.58E-12	6.59E-12	2.93E-12	5.87E-14	3.25E-7	9.39E-8	3.99E-7
11/6/98 3.36	OINCSmal	B18	Gulf Intracoastal Waterway	9.95E-12	7.53E-12	7.37E-12	1.56E-13	9.28E-16	1.46E-8	1.48E-9	6.30E-9
11/6/98 3.37	OINCSmal	B18	Bayou La Bute	1.13E-10	7.57E-11	7.24E-11	3.23E-12	2.90E-14	2.28E-7	4.64E-8	1.97E-7
11/6/98 3.38	OINCSmal	B18	Mississippi River	1.03E-13	9.78E-14	9.59E-14	1.91E-15	1.32E-17	3.21E-11	2.12E-11	9.01E-11
11/6/98 3.38	OINCSmal	B18	Bayou Manchac	9.04E-11	5.60E-11	5.42E-11	1.77E-12	1.30E-14	2.04E-7	2.09E-8	8.87E-8
11/6/98 3.39	OINCSmal	B23	Hilbrandt Bayou	3.15E-11	5.52E-12	6.33E-13	4.87E-12	1.49E-14	3.36E-7	2.39E-8	1.01E-7
11/6/98 3.40	OINCSmal	B23	Cow Bayou	2.28E-11	4.25E-12	2.47E-13	3.99E-12	1.46E-14	2.42E-7	2.33E-8	9.92E-8
11/6/98 3.41	OINCSmal	B23	Neches River	7.14E-13	2.53E-13	2.39E-14	2.30E-13	6.00E-16	6.13E-9	9.60E-10	4.09E-9
11/6/98 3.42	OINCSmal	B23	Port Arthur Reservoir	2.37E-11	3.70E-12	1.44E-12	2.16E-12	9.68E-14	2.30E-7	1.55E-7	6.58E-7
11/6/98 19.27	OINCSmal	B31	Wassahickon Creek	8.90E-9	1.90E-9	9.19E-12	1.88E-9	1.07E-11	1.91E-4	1.71E-5	7.25E-5
11/6/98 19.28	OINCSmal	B31	Nearhamity Creek	1.08E-9	3.80E-10	1.87E-12	3.75E-10	2.40E-12	2.43E-5	3.84E-6	1.63E-5
11/6/98 19.29	OINCSmal	B31	Peace Valley Reservoir	3.23E-10	1.05E-10	1.60E-11	8.67E-11	2.49E-12	9.95E-6	3.96E-6	1.69E-6
11/6/98 19.30	OINCSmal	B31	Skuykill River	5.38E-10	2.35E-10	2.66E-12	2.31E-10	1.24E-12	1.03E-5	1.99E-6	8.46E-6
11/6/98 3.46	OINCSmal	B32	Cedar Bayou	7.34E-8	9.79E-9	1.45E-10	9.61E-9	2.85E-11	7.92E-4	4.56E-5	1.94E-4
11/6/98 3.47	OINCSmal	B32	Clary Bayou	1.10E-6	1.17E-7	1.79E-10	1.16E-7	5.12E-10	1.17E-2	8.19E-4	3.48E-3
11/6/98 3.48	OINCSmal	B32	Goose Creek	6.47E-7	7.23E-8	1.66E-10	7.20E-8	2.23E-10	7.25E-3	3.58E-4	1.52E-3
11/6/98 3.48	OINCSmal	B37	Arkansas River	1.43E-12	8.17E-13	5.79E-13	2.37E-13	4.34E-16	2.96E-9	6.94E-10	2.95E-9
11/6/98 3.48	OINCSmal	B37	Plum Bayou (includes Black Bayou and Bayou Pete)	7.48E-11	8.47E-12	5.16E-12	3.30E-12	6.87E-15	3.04E-7	1.10E-8	4.67E-8
11/6/98 3.50	OINCSmal	B37	Yellow Lake	1.04E-10	2.51E-11	1.63E-11	8.48E-12	3.79E-13	9.15E-7	6.06E-7	2.57E-6
11/6/98 3.51	OINCSmal	B37	Lake Pine Bluff	1.66E-10	3.79E-11	2.44E-11	1.30E-11	5.21E-13	1.39E-6	8.33E-7	3.54E-6
11/6/98 3.52	OINCSmal	B44	Sheldon Reservoir	5.36E-10	8.35E-11	3.25E-11	4.89E-11	2.20E-12	6.20E-6	3.52E-6	1.50E-5
11/6/98 3.53	OINCSmal	B44	Greens Bayou	3.02E-9	5.35E-10	3.80E-12	5.30E-10	1.10E-12	3.22E-5	1.76E-6	7.47E-6
11/6/98 3.54	OINCSmal	B44	Buffalo Bayou	1.32E-9	3.63E-10	3.19E-12	3.59E-10	7.13E-13	1.26E-5	1.14E-6	4.85E-6
11/6/98 3.54	OINCSmal	B44	Hunting Bayou	1.32E-8	1.69E-9	7.27E-12	1.68E-9	3.95E-12	1.43E-4	6.32E-6	2.69E-6
11/6/98 3.55	OINCSmal	TOO	Rush Lake	1.05E-9	9.44E-10	8.91E-10	5.16E-11	9.63E-13	8.21E-6	1.54E-6	6.55E-6
11/6/98 3.56	OINCSmal	TOO	Box Elder Wash	6.70E-9	5.36E-9	5.21E-9	1.48E-10	3.59E-13	2.08E-5	5.75E-7	2.44E-6
11/6/98 3.57	OINCSmal	TOO	Blue Lakes	1.62E-11	1.55E-11	1.52E-11	2.87E-13	8.13E-15	7.37E-9	1.30E-8	5.50E-8
11/6/98 3.58	OINCSmal	TOO	Soldier Creek	2.10E-10	1.66E-10	1.37E-10	1.97E-11	7.54E-14	2.18E-6	1.21E-7	5.13E-7