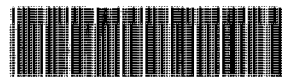


US EPA ARCHIVE DOCUMENT

Centredale
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SDMS DocID 000204629



US ARMY CORPS
OF ENGINEERS
New England District

Contract No. DACW33-01-D-0004

Delivery Order No. 01

January 2004

Task 22I Chemistry Data Report YR2003 Tree Swallow Study

**Centredale Manor Restoration
Project Superfund Site, Human
Health and Baseline Risk
Assessments**

**YR2003 Tree Swallow Study
Post Third Party Validation**



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Section 1

Dioxin/Furan Results

QA/QC Narrative
Tissue and QC Results

QA/QC Narrative

Dioxin/Furan QA/QC Summary
QC Batch 49715-41 – Tree Swallow Tissues

PROJECT: USACE NAE Delivery Order #01 Centredale
PARAMETER: Dioxin/Furans
LABORATORY: Battelle, Columbus, Ohio
MATRIX: Tree swallow tissues
SAMPLE CUSTODY: Tree swallow tissues were received at Battelle Columbus on September 3, 2003.
Samples were received in good condition and the cooler temperature upon receipt was less than -50.0 °C.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	Replicate Relative Precision	Achieved EDL (pg/g wet)	Project Goals * (ng/g wet)
Dioxin/ Furan	L-23	<5×	25-150%	LCS:	≤30%	≤30%	Tetras:	Tetras:
	Battelle	MDL, or	Recovery	Method	PD ^b	RPD ^c	0.58 –	0.0007 –
	SOP	associated		1613B,			4.83	0.0616
	ASAT.II-001-02	samples		Table 6				
		> 10×		OPR			Penta-	Penta-
		blank		MS: 50-			Hepta:	Hepta:
		values		120%			1.07 –	0.0007 –
				Recovery ^a			6.83	0.616
							Octas:	Octas:
							0.73 –	7 – 61.6
							10.83	

^a Analyte concentration in the MS must be >5× background to be used for data quality assessment.

^b Certified values must be >5× the MDL.

^c Concentrations in sample replicate must be >10× the MDL to be used for data quality assessment.

* Project detection limit goals vary by analyte – see Worksheet #9b in the project QAPP (Battelle, 2001) for detection limit goals by analyte.

METHOD: Tree swallow tissue samples were prepared and analyzed for dioxins and furans following methods described in the Quality Assurance Project Plan (Battelle, 2001), QAPP Addendum (Battelle, 2002a), and QAPP Errata Sheet (Battelle, 2002b). Briefly,

Sample Preparation – Each tissue was homogenized. The samples were processed in SDG 49715-41. Aliquots of each homogenized tissue were weighed into individual jars and mixed with Hydromatrix drying agent. Approximately 1g wet weight of each tissue sample was used. The tissue/Hydromatrix mixtures were placed into Accelerated Solvent Extraction (ASE) cells and spiked with ¹³C₁₂-labeled PCDD/PCDF internal standard solutions. Matrix spike and the laboratory control spike (LCS) samples were spiked with native PCDD/PCDF at this time. The samples were ASE extracted using MeCl₂. Each extract was then spiked with 2,3,7,8-TCDD-³⁷Cl₄ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was acid washed, then processed through acid/base silica, alumina, and carbon cleanup columns. The tissue extracts were spiked with 1,2,3,4-TCDD-¹³C₁₂ and 1,2,3,7,8,9-HxCDD-¹³C₁₂ recovery standard and concentrated to a final sample volume of 20 µL.

Dioxin/Furan QA/QC Summary
QC Batch 49715-41 – Tree Swallow Tissues

METHOD
(cont):

PCDD/PCDF Analysis – Each extract was analyzed by gas chromatography/high resolution mass spectrometry (GC/HRMS) in the selected ion-monitoring mode at a resolution of 10,000 or greater. A DB5 column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF; and a DB225 column was used for second column confirmation of 2,3,7,8-TCDF.

The following revisions to Method 1613 as well as several items to note specifically related to these analyses are summarized below:

1. Quality control samples processed with this batch of samples included one method blank, one LCS, one fish standard reference material, one matrix spike for each tissue type except for diet (per instructions from the client), and one sample of each tissue type prepared in duplicate except for diet.
2. Second column confirmation of 2,3,7,8-TCDF levels above 0.5 pg/g were performed on a DB225 column. Matrix spike, LCS, and the standard reference material, which were spiked with known amounts of PCDD/PCDF, were not reanalyzed. For samples containing an interfering ether peak in the confirmation analysis, the original value is reported and flagged with an "E".
3. The GC/HRMS instrumentation was calibrated for PCDD/PCDF at levels specified in Method 1613 with one additional calibration standard at concentrations equivalent to ½ the level of Method 1613's lowest calibration point. The calibration range corresponds to the following levels in the samples assuming an average sample wet weight of 1.0 g of tissue and a final sample volume of 20 µL: 5.00 to 4,000 pg/g wet for tetra compounds, 25.0 to 20,000 pg/g wet for penta through hepta compounds, and 50.0 to 40,000 pg/g wet for octa compounds.

Any additional minor revisions to Method 1613 are fully documented in the analytical record.

Calibration – One of the 12-hour continuing calibrations met the criteria found in Table 6 of Method 1613. Two of the 12-hour continuing calibrations contained either one or two analytes outside the criteria in Table 6. The daily average response factor was used to calculate the results for the analytes that were outside the criteria.

HOLDING
TIMES:

Samples were prepared for analysis in one analytical batch. Samples were extracted within 4 days of receipt at the laboratory and analyzed within 3 weeks of extraction.

Batch	Extraction Date	Analysis Date
49715-41	9/7/2003	9/19 – 20/2003*

* Confirmations run on 9/23-24/2003

DETECTION
LIMITS:

Dioxin/furan results are reported relative to the sample-specific estimated detection limit (EDL) for that compound. The sample-specific EDL is based on the background level found in each sample and adjusted for sample specific processing factors and volumes. Also included on the reporting tables is a sample specific reporting limit (RL). The sample-specific RL is based on the low calibration standard and adjusted for sample specific processing factors and volumes, as follow:

Dioxin/Furan QA/QC Summary
QC Batch 49715-41 – Tree Swallow Tissues

$RL = (\text{Concentration in Low Std.} \times \text{final extract volume} \times \text{dilution factors}) / \text{Sample size}$

Where,

Concentration in low standard = 0.25 to 2.5 pg/ μ L

Final Extract Volume = 20 μ L

Dilution Factor = documented in project file

Sample Size = approximately 1.0-g wet

Achieved EDLs and RLs are reported in electronic data deliverable (EDD) under the MDL and IDL fields, respectively.

BLANKS:

One laboratory method blank was processed with the analytical batch. Blanks are analyzed to ensure that the sample extraction and analysis methods were free of contamination.

49715-41– Several analytes were detected at a trace levels; however, most analytes detected were below the RL. Low internal standard recoveries contributed to higher than normal EDLs for this method blank.

According to the data validator, the low level contamination does not have an impact on the usability of the dioxin/furan data.

**LABORATORY
CONTROL
SAMPLE**

A laboratory control sample (LCS, also considered the ongoing precision and recovery OPR sample) was prepared with the analytical batch. The percent recoveries of target compounds were calculated to measure data quality in terms of accuracy.

49715-41– The LCS samples met the criteria found in Table 6 of Method 1613, Revision B for PCDD/PCDF.

**MATRIX
SPIKE:**

One matrix spike (MS) sample was prepared for each tissue type (except diet where insufficient material was available) with the batch to measure data quality in terms of accuracy. Note that an MSD was not prepared due to limited sample material available for analysis.

49715-41 Egg– For PCDD/PCDF, the matrix spike recoveries for analytes that were spiked at a level >5x the background tissue ranged from 103 - 125%, which all but one (TCDF) fell within the limits of 50 - 120%.

49715-41 Nestling– For PCDD/PCDF, the matrix spike recoveries for analytes that were spiked at a level >5x the background ranged from 90 - 131%, which all but one (1,2,3,7,8,9-HxCDD) fell within the limits of 50 - 120%.

**INTERNAL
STANDARDS:**

Fifteen internal standards were added to each sample prior to processing, one standard was added after extraction and prior to sample cleanup. Internal standard recoveries were calculated to measure data quality in terms of accuracy (sample processing efficiency).

49715-41– Recoveries of internal standards were within 25-150% for all samples, except for the Method Blank (MB) and SRM. Almost all of the internal standards in the MB were below the 25% limit and all of the internal standards in the SRM were below the 25% limit.

Dioxin/Furan QA/QC Summary

QC Batch 49715-41 – Tree Swallow Tissues

- REPLICATES:** A laboratory duplicate was prepared with the batch for each tissue type except diet. The relative percent difference (RPD) between laboratory replicate analyses for target compounds was calculated to measure data quality in terms of precision.
- 49715-41–** All of the analytes, detected above the action level of $>10\times$ MDL, were within the limit of $<30\%$ RPD in the egg and nestling tissue replicate samples.
- SRM:** A standard reference material (Fish SRM CIL EDF 2526) was prepared with the analytical batch. The percent difference (PD) between detected concentrations and certified values was calculated to measure data quality in terms of accuracy.
- 49715-41–** All analytes in the SRM were found to be inside the limit of 30% difference from consensus values, except for OCDF which has a 40.0% difference from the consensus value.
- REFERENCES:** Battelle, 2001. Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-96-D-0005, Delivery Order No. 59. May 23, 2001. 509 pp + apps.
- Battelle, 2002a. Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support – Addendum. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. September 27, 2002. 218 pp + apps.
- Battelle, 2002b. Errata to Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support – Addendum. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. November 6, 2002. 6 pp.

QUALITY ASSURANCE STATEMENT

Project Title: USACE/NED, Centredale Manor Task 22I Swallow Egg and Nestling Tissue Samples for Dioxin/Furan, Batch 1 of 1

Project Number: G487002-22I2

Description of Data: Swallow egg and nestling tissue samples for dioxin/furan

Description of audit and review activities:

1) Reviewed sample preparation Laboratory Record Books (LRB). Tracked COC from sample receipt to analytical injection. Reviewed standard/spike preparation records. Resolved all resulting LRB numbers (i.e. sample tracking numbers) with analytical designations. Reviewed data package for data recording consistent with Good Laboratory Practices (GLP's).

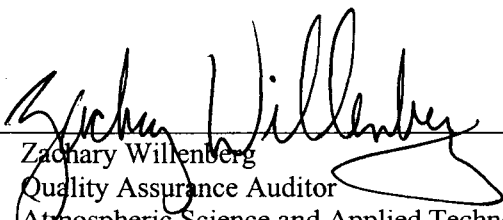
2) Reviewed analytical (HRMS) data. Reviewed all hand-entered parameters (e.g. sample masses, sample names, calibration curve date, etc) for each analytical run. Reviewed calibrations results to ensure that Relative Response Factors (RRF) were $\pm 20\%$ of calibration RRF. Reviewed 10% data transfer to spreadsheets. Reviewed confirmation runs and accurate data transfer.

3) Reviewed spreadsheets. Accessed e-file of excel spreadsheets and reviewed formula and relative and absolute cell addresses to ensure accurate data transposition.

4) Reviewed report. Ensured report accurately reflected raw data and resulting spreadsheets.

Description of outstanding issues or deficiencies which may affect data quality:

1) Minor QC issues were submitted to the analytical staff for correction, no outstanding issues present.



Zachary Willenberg
Quality Assurance Auditor
Atmospheric Science and Applied Technology
Battelle

10-15-03
Date

Tissue and QC Results

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-41-21	DIOX	2,3,7,8-TCDD	49715-41-21	1746-01-6	4.60	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,7,8-PeCDD	49715-41-21	40321-76-4	19.22	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,4,7,8-HxCDD	49715-41-21	39227-28-6	12.61	J	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,6,7,8-HxCDD	49715-41-21	57653-85-7	13.70	J	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,7,8,9-HxCDD	49715-41-21	19408-74-3	18.16		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,4,6,7,8-HpCDD	49715-41-21	35822-46-9	36.13		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	OCDD	49715-41-21	3268-87-9	270.19		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	2,3,7,8-TCDF	49715-41-21	51207-31-9	2.70	U#	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,7,8-PeCDF	49715-41-21	57117-41-6	16.12	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	2,3,4,7,8-PeCDF	49715-41-21	57117-31-4	14.43	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,4,7,8-HxCDF	49715-41-21	70648-26-9	4.73	J	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,6,7,8-HxCDF	49715-41-21	57117-44-9	5.80	J	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,7,8,9-HxCDF	49715-41-21	72918-21-9	13.61	J	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	2,3,4,6,7,8-HxCDF	49715-41-21	60851-34-5	15.39	J	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,4,6,7,8-HpCDF	49715-41-21	67562-39-4	26.09		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	1,2,3,4,7,8,9-HpCDF	49715-41-21	55673-89-7	43.06		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	OCDF	49715-41-21	39001-02-0	178.43		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL TETRA-FURANS	49715-41-21	55722-27-5	22.97	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL TETRA-DIOXINS	49715-41-21	41903-57-5	19.73	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL PENTA-FURANS	49715-41-21	30402-15-4	15.24	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL PENTA-DIOXINS	49715-41-21	36088-22-9	19.22	U	PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL HEXA-FURANS	49715-41-21	55684-94-1	40.23		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL HEXA-DIOXINS	49715-41-21	34465-46-8	44.47		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL HEPTA-FURANS	49715-41-21	38998-75-3	69.16		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	TOTAL HEPTA-DIOXINS	49715-41-21	37871-00-4	36.13		PG/G_WETWT		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-2,3,7,8-TCDD	49715-41-21	76523-40-5	22	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,7,8-PeCDD	49715-41-21	109719-79-1	20	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-41-21	109719-80-4	20	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-41-21	109719-81-5	23	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-41-21	109719-83-7	28		PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-OCDD	49715-41-21	114423-97-1	31		PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-2,3,7,8-TCDF	49715-41-21	89059-46-1	21	&#	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,7,8-PeCDF	49715-41-21	109719-77-9	20	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-2,3,4,7,8-PeCDF	49715-41-21	116843-02-8	21	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-41-21	114423-98-2	21	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-41-21	116843-03-9	24	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-41-21	116843-04-0	23	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-41-21	116843-05-1	22	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-41-21	116843-09-5	27		PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-41-21	109719-94-0	26		PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03
49715-41-21	DIOX	37Cl-2,3,7,8-TCDD	49715-41-21	85508-50-5	22	&	PCT_REC		49715-41	BCO	49715-41-21		17-Sep-03

(

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 120-N	DIOX	2,3,7,8-TCDD	RMP 120-N	1746-01-6	389.60		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,7,8-PeCDD	RMP 120-N	40321-76-4	5.06	J	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,4,7,8-HxCDD	RMP 120-N	39227-28-6	6.81		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,6,7,8-HxCDD	RMP 120-N	57653-85-7	26.25		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,7,8,9-HxCDD	RMP 120-N	19408-74-3	9.95		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 120-N	35822-46-9	200.56		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	OCDD	RMP 120-N	3268-87-9	251.45	B	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	2,3,7,8-TCDF	RMP 120-N	51207-31-9	5.79	#	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,7,8-PeCDF	RMP 120-N	57117-41-6	2.32	J	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	2,3,4,7,8-PeCDF	RMP 120-N	57117-31-4	2.51	J	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,4,7,8-HxCDF	RMP 120-N	70648-26-9	4.15		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,6,7,8-HxCDF	RMP 120-N	57117-44-9	5.46		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,7,8,9-HxCDF	RMP 120-N	72918-21-9	3.07	U	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	2,3,4,6,7,8-HxCDF	RMP 120-N	60851-34-5	3.28		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 120-N	67562-39-4	27.30	B	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 120-N	55673-89-7	1.53	BJ	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	OCDF	RMP 120-N	39001-02-0	10.51	B	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL TETRA-FURANS	RMP 120-N	55722-27-5	10.27		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL TETRA-DIOXINS	RMP 120-N	41903-57-5	389.60		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL PENTA-FURANS	RMP 120-N	30402-15-4	4.83		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL PENTA-DIOXINS	RMP 120-N	36088-22-9	5.06	J	PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL HEXA-FURANS	RMP 120-N	55684-94-1	13.51		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL HEXA-DIOXINS	RMP 120-N	34465-46-8	43.01		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL HEPTA-FURANS	RMP 120-N	38998-75-3	33.98		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	TOTAL HEPTA-DIOXINS	RMP 120-N	37871-00-4	206.23		PG/G_WETWT	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-2,3,7,8-TCDD	RMP 120-N	76523-40-5	64		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,7,8-PeCDD	RMP 120-N	109719-79-1	60		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 120-N	109719-80-4	60		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 120-N	109719-81-5	71		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 120-N	109719-83-7	70		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-OCDD	RMP 120-N	114423-97-1	73		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-2,3,7,8-TCDF	RMP 120-N	89059-46-1	62	#	PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,7,8-PeCDF	RMP 120-N	109719-77-9	59		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-2,3,4,7,8-PeCDF	RMP 120-N	116843-02-8	65		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 120-N	114423-98-2	58		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 120-N	116843-03-9	66		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 120-N	116843-04-0	68		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 120-N	116843-05-1	69		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 120-N	116843-09-5	76		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 120-N	109719-94-0	71		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	
RMP 120-N	DIOX	37Cl-2,3,7,8-TCDD	RMP 120-N	85508-50-5	62		PCT_REC	49715-41	BCO	49715-41-02	3-Sep-03	7-Sep-03	

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
RMP 120-N	19-Sep-03	MOD 1613B	3.40	4.75			1	Lab Login ID = 49913-36-02	3	N	389.6		
RMP 120-N	19-Sep-03	MOD 1613B	5.18	23.73			1	Lab Login ID = 49913-36-02	3	N	5.06		U
RMP 120-N	19-Sep-03	MOD 1613B	2.57	23.73			1	Lab Login ID = 49913-36-02	3	N	6.81		U
RMP 120-N	19-Sep-03	MOD 1613B	2.53	23.73			1	Lab Login ID = 49913-36-02	3	N	26.25		U
RMP 120-N	19-Sep-03	MOD 1613B	2.47	23.73			1	Lab Login ID = 49913-36-02	3	N	9.95		U
RMP 120-N	19-Sep-03	MOD 1613B	4.90	23.73			1	Lab Login ID = 49913-36-02	3	N	200.56		
RMP 120-N	19-Sep-03	MOD 1613B	2.59	47.47			1	Lab Login ID = 49913-36-02	3	N	251.45		U
RMP 120-N	23-Sep-03	MOD 1613B	1.25	4.75			1	Lab Login ID = 49913-36-02	3	N	5.79		#
RMP 120-N	19-Sep-03	MOD 1613B	3.85	23.73			1	Lab Login ID = 49913-36-02	3	N	2.32		J
RMP 120-N	19-Sep-03	MOD 1613B	3.31	23.73			1	Lab Login ID = 49913-36-02	3	N	2.51		U
RMP 120-N	19-Sep-03	MOD 1613B	2.54	23.73			1	Lab Login ID = 49913-36-02	3	N	4.15		UJ
RMP 120-N	19-Sep-03	MOD 1613B	2.73	23.73			1	Lab Login ID = 49913-36-02	3	N	5.46		U
RMP 120-N	19-Sep-03	MOD 1613B	3.07	23.73			1	Lab Login ID = 49913-36-02	3	N	3.07		U
RMP 120-N	19-Sep-03	MOD 1613B	2.73	23.73			1	Lab Login ID = 49913-36-02	3	N	3.28		U
RMP 120-N	19-Sep-03	MOD 1613B	4.29	23.73			1	Lab Login ID = 49913-36-02	3	N	27.3		U
RMP 120-N	19-Sep-03	MOD 1613B	5.56	23.73			1	Lab Login ID = 49913-36-02	3	N	1.53		U
RMP 120-N	19-Sep-03	MOD 1613B	4.88	47.47			1	Lab Login ID = 49913-36-02	3	N	10.51		UJ
RMP 120-N	19-Sep-03	MOD 1613B	7.13	4.75			1	Lab Login ID = 49913-36-02	3	N	10.27		J
RMP 120-N	19-Sep-03	MOD 1613B	3.40	4.75			1	Lab Login ID = 49913-36-02	3	N	389.6		J
RMP 120-N	19-Sep-03	MOD 1613B	3.56	23.73			1	Lab Login ID = 49913-36-02	3	N	4.83		UJ
RMP 120-N	19-Sep-03	MOD 1613B	5.18	23.73			1	Lab Login ID = 49913-36-02	3	N	5.06		UJ
RMP 120-N	19-Sep-03	MOD 1613B	2.85	23.73			1	Lab Login ID = 49913-36-02	3	N	13.51		UJ
RMP 120-N	19-Sep-03	MOD 1613B	2.52	23.73			1	Lab Login ID = 49913-36-02	3	N	43.01		UJ
RMP 120-N	19-Sep-03	MOD 1613B	4.86	23.73			1	Lab Login ID = 49913-36-02	3	N	33.98		UJ
RMP 120-N	19-Sep-03	MOD 1613B	4.90	23.73			1	Lab Login ID = 49913-36-02	3	N	206.23		UJ
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	23-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
RMP 120-N	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-02	3	N			
R													

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 123-N	DIOX	2,3,7,8-TCDD	RMP 123-N	1746-01-6	517.53		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,7,8-PeCDD	RMP 123-N	40321-76-4	5.81		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,4,7,8-HxCDD	RMP 123-N	39227-28-6	7.43		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,6,7,8-HxCDD	RMP 123-N	57653-85-7	25.26		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,7,8,9-HxCDD	RMP 123-N	19408-74-3	9.91		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 123-N	35822-46-9	198.21		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	OCDD	RMP 123-N	3268-87-9	256.82	B	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	2,3,7,8-TCDF	RMP 123-N	51207-31-9	7.08	#	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,7,8-PeCDF	RMP 123-N	57117-41-6	2.00	J	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	2,3,4,7,8-PeCDF	RMP 123-N	57117-31-4	2.34	J	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,4,7,8-HxCDF	RMP 123-N	70648-26-9	4.39		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,6,7,8-HxCDF	RMP 123-N	57117-44-9	5.40		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,7,8,9-HxCDF	RMP 123-N	72918-21-9	3.53	U	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	2,3,4,6,7,8-HxCDF	RMP 123-N	60851-34-5	2.87	J	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 123-N	67562-39-4	24.79	B	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 123-N	55673-89-7	1.21	BJ	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	OCDF	RMP 123-N	39001-02-0	9.28	B	PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL TETRA-FURANS	RMP 123-N	55722-27-5	12.51		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL TETRA-DIOXINS	RMP 123-N	41903-57-5	517.53		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL PENTA-FURANS	RMP 123-N	30402-15-4	4.34		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL PENTA-DIOXINS	RMP 123-N	36088-22-9	5.81		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL HEXA-FURANS	RMP 123-N	55684-94-1	13.32		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL HEXA-DIOXINS	RMP 123-N	34465-46-8	42.60		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL HEPTA-FURANS	RMP 123-N	38998-75-3	29.56		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	TOTAL HEPTA-DIOXINS	RMP 123-N	37871-00-4	202.76		PG/G_WETWT		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-2,3,7,8-TCDD	RMP 123-N	76523-40-5	65		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,7,8-PeCDD	RMP 123-N	109719-79-1	59		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 123-N	109719-80-4	62		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 123-N	109719-81-5	66		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 123-N	109719-83-7	68		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-OCDD	RMP 123-N	114423-97-1	73		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-2,3,7,8-TCDF	RMP 123-N	89059-46-1	64	#	PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,7,8-PeCDF	RMP 123-N	109719-77-9	58		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-2,3,4,7,8-PeCDF	RMP 123-N	116843-02-8	66		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 123-N	114423-98-2	61		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 123-N	116843-03-9	66		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 123-N	116843-04-0	68		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 123-N	116843-05-1	64		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 123-N	116843-09-5	72		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 123-N	109719-94-0	72		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03
RMP 123-N	DIOX	37Cl-2,3,7,8-TCDD	RMP 123-N	85508-50-5	63		PCT_REC		49715-41	BCO	49715-41-03	3-Sep-03	7-Sep-03

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL	CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
RMP 123-N	19-Sep-03	MOD 1613B	3.22	4.69				1	Lab Login ID = 49913-36-03	3	N	517.53		
RMP 123-N	19-Sep-03	MOD 1613B	4.52	23.45				1	Lab Login ID = 49913-36-03	3	N	5.81		U
RMP 123-N	19-Sep-03	MOD 1613B	2.75	23.45				1	Lab Login ID = 49913-36-03	3	N	7.43		U
RMP 123-N	19-Sep-03	MOD 1613B	2.81	23.45				1	Lab Login ID = 49913-36-03	3	N	25.26		U
RMP 123-N	19-Sep-03	MOD 1613B	2.71	23.45				1	Lab Login ID = 49913-36-03	3	N	9.91		UJ
RMP 123-N	19-Sep-03	MOD 1613B	4.84	23.45				1	Lab Login ID = 49913-36-03	3	N	198.21		
RMP 123-N	19-Sep-03	MOD 1613B	2.64	46.89				1	Lab Login ID = 49913-36-03	3	N	256.82		U
RMP 123-N	23-Sep-03	MOD 1613B	0.73	4.69				1	Lab Login ID = 49913-36-03	3	N	7.08		#
RMP 123-N	19-Sep-03	MOD 1613B	3.83	23.45				1	Lab Login ID = 49913-36-03	3	N	2		J
RMP 123-N	19-Sep-03	MOD 1613B	3.24	23.45				1	Lab Login ID = 49913-36-03	3	N	2.34		U
RMP 123-N	19-Sep-03	MOD 1613B	2.80	23.45				1	Lab Login ID = 49913-36-03	3	N	4.39		UJ
RMP 123-N	19-Sep-03	MOD 1613B	3.08	23.45				1	Lab Login ID = 49913-36-03	3	N	5.4		U
RMP 123-N	19-Sep-03	MOD 1613B	3.53	23.45				1	Lab Login ID = 49913-36-03	3	N	3.53		U
RMP 123-N	19-Sep-03	MOD 1613B	3.28	23.45				1	Lab Login ID = 49913-36-03	3	N	2.87		U
RMP 123-N	19-Sep-03	MOD 1613B	2.72	23.45				1	Lab Login ID = 49913-36-03	3	N	24.79		U
RMP 123-N	19-Sep-03	MOD 1613B	3.18	23.45				1	Lab Login ID = 49913-36-03	3	N	1.21		U
RMP 123-N	19-Sep-03	MOD 1613B	5.18	46.89				1	Lab Login ID = 49913-36-03	3	N	9.28		UJ
RMP 123-N	19-Sep-03	MOD 1613B	4.48	4.69				1	Lab Login ID = 49913-36-03	3	N	12.51		J
RMP 123-N	19-Sep-03	MOD 1613B	3.22	4.69				1	Lab Login ID = 49913-36-03	3	N	517.53		J
RMP 123-N	19-Sep-03	MOD 1613B	3.52	23.45				1	Lab Login ID = 49913-36-03	3	N	4.34		UJ
RMP 123-N	19-Sep-03	MOD 1613B	4.52	23.45				1	Lab Login ID = 49913-36-03	3	N	5.81		UJ
RMP 123-N	19-Sep-03	MOD 1613B	3.27	23.45				1	Lab Login ID = 49913-36-03	3	N	13.32		UJ
RMP 123-N	19-Sep-03	MOD 1613B	2.75	23.45				1	Lab Login ID = 49913-36-03	3	N	42.6		UJ
RMP 123-N	19-Sep-03	MOD 1613B	2.93	23.45				1	Lab Login ID = 49913-36-03	3	N	29.56		UJ
RMP 123-N	19-Sep-03	MOD 1613B	4.84	23.45				1	Lab Login ID = 49913-36-03	3	N	202.76		UJ
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	23-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			
RMP 123-N	19-Sep-03	MOD 1613B						1	Lab Login ID = 49913-36-03	3	N			

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 124-N	DIOX	2,3,7,8-TCDD	RMP 124-N	1746-01-6	449.13		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,7,8-PeCDD	RMP 124-N	40321-76-4	4.20	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,4,7,8-HxCDD	RMP 124-N	39227-28-6	3.51	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,6,7,8-HxCDD	RMP 124-N	57653-85-7	6.79		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,7,8,9-HxCDD	RMP 124-N	19408-74-3	3.19	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 124-N	35822-46-9	33.35	B	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	OCDD	RMP 124-N	3268-87-9	46.52	B	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	2,3,7,8-TCDF	RMP 124-N	51207-31-9	5.61	#	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,7,8-PeCDF	RMP 124-N	57117-41-6	2.10	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	2,3,4,7,8-PeCDF	RMP 124-N	57117-31-4	2.40	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,4,7,8-HxCDF	RMP 124-N	70648-26-9	2.90	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,6,7,8-HxCDF	RMP 124-N	57117-44-9	2.94	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,7,8,9-HxCDF	RMP 124-N	72918-21-9	5.45	U	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	2,3,4,6,7,8-HxCDF	RMP 124-N	60851-34-5	1.99	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 124-N	67562-39-4	6.25	B	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 124-N	55673-89-7	1.38	BJ	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	OCDF	RMP 124-N	39001-02-0	4.53	BJ	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL TETRA-FURANS	RMP 124-N	55722-27-5	7.43		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL TETRA-DIOXINS	RMP 124-N	41903-57-5	449.13		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL PENTA-FURANS	RMP 124-N	30402-15-4	4.51		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL PENTA-DIOXINS	RMP 124-N	36088-22-9	4.20	J	PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL HEXA-FURANS	RMP 124-N	55684-94-1	8.27		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL HEXA-DIOXINS	RMP 124-N	34465-46-8	13.50		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL HEPTA-FURANS	RMP 124-N	38998-75-3	7.63		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	TOTAL HEPTA-DIOXINS	RMP 124-N	37871-00-4	35.08		PG/G_WETWT	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-2,3,7,8-TCDD	RMP 124-N	76523-40-5	40		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,7,8-PeCDD	RMP 124-N	109719-79-1	37		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 124-N	109719-80-4	39		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 124-N	109719-81-5	43		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 124-N	109719-83-7	47		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-OCDD	RMP 124-N	114423-97-1	50		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-2,3,7,8-TCDF	RMP 124-N	89059-46-1	40	#	PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,7,8-PeCDF	RMP 124-N	109719-77-9	39		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-2,3,4,7,8-PeCDF	RMP 124-N	116843-02-8	42		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 124-N	114423-98-2	39		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 124-N	116843-03-9	42		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 124-N	116843-04-0	42		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 124-N	116843-05-1	44		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 124-N	116843-09-5	48		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 124-N	109719-94-0	45		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	
RMP 124-N	DIOX	37Cl-2,3,7,8-TCDD	RMP 124-N	85508-50-5	39		PCT_REC	49715-41	BCO	49715-41-04	3-Sep-03	7-Sep-03	

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 129-N	DIOX	2,3,7,8-TCDD	RMP 129-N	1746-01-6	433.70		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,7,8-PeCDD	RMP 129-N	40321-76-4	3.87	J	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,4,7,8-HxCDD	RMP 129-N	39227-28-6	4.63		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,6,7,8-HxCDD	RMP 129-N	57653-85-7	14.23		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,7,8,9-HxCDD	RMP 129-N	19408-74-3	5.66		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 129-N	35822-46-9	84.38	B	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	OCDD	RMP 129-N	3268-87-9	96.62	B	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	2,3,7,8-TCDF	RMP 129-N	51207-31-9	5.96	#	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,7,8-PeCDF	RMP 129-N	57117-41-6	1.63	J	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	2,3,4,7,8-PeCDF	RMP 129-N	57117-31-4	1.44	J	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,4,7,8-HxCDF	RMP 129-N	70648-26-9	2.24		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,6,7,8-HxCDF	RMP 129-N	57117-44-9	3.14		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,7,8,9-HxCDF	RMP 129-N	72918-21-9	2.49	U	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	2,3,4,6,7,8-HxCDF	RMP 129-N	60851-34-5	1.64	J	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 129-N	67562-39-4	10.53	B	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 129-N	55673-89-7	0.97	BJ	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	OCDF	RMP 129-N	39001-02-0	4.01	B	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL TETRA-FURANS	RMP 129-N	55722-27-5	8.06		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL TETRA-DIOXINS	RMP 129-N	41903-57-5	433.70		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL PENTA-FURANS	RMP 129-N	30402-15-4	3.71		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL PENTA-DIOXINS	RMP 129-N	36088-22-9	3.87	J	PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL HEXA-FURANS	RMP 129-N	55684-94-1	10.02		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL HEXA-DIOXINS	RMP 129-N	34465-46-8	24.53		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL HEPTA-FURANS	RMP 129-N	38998-75-3	14.19		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	TOTAL HEPTA-DIOXINS	RMP 129-N	37871-00-4	87.53		PG/G_WETWT		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-2,3,7,8-TCDD	RMP 129-N	76523-40-5	61		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,7,8-PeCDD	RMP 129-N	109719-79-1	54		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 129-N	109719-80-4	60		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 129-N	109719-81-5	71		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 129-N	109719-83-7	70		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-OCDD	RMP 129-N	114423-97-1	70		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-2,3,7,8-TCDF	RMP 129-N	89059-46-1	62	#	PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,7,8-PeCDF	RMP 129-N	109719-77-9	57		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-2,3,4,7,8-PeCDF	RMP 129-N	116843-02-8	57		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 129-N	114423-98-2	60		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 129-N	116843-03-9	68		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 129-N	116843-04-0	65		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 129-N	116843-05-1	66		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 129-N	116843-09-5	70		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 129-N	109719-94-0	67		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03
RMP 129-N	DIOX	37Cl-2,3,7,8-TCDD	RMP 129-N	85508-50-5	59		PCT_REC		49715-41	BCO	49715-41-05	3-Sep-03	7-Sep-03

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RAP 33-P	DIOX	2,3,7,8-TCDD	RAP 33-P	1746-01-6	4.18		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,7,8-PeCDD	RAP 33-P	40321-76-4	8.73		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,4,7,8-HxCDD	RAP 33-P	39227-28-6	9.29		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,6,7,8-HxCDD	RAP 33-P	57653-85-7	63.49		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,7,8,9-HxCDD	RAP 33-P	19408-74-3	4.52		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,4,6,7,8-HpCDD	RAP 33-P	35822-46-9	172.53	B	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	OCDD	RAP 33-P	3268-87-9	184.78	B	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	2,3,7,8-TCDF	RAP 33-P	51207-31-9	16.91	#	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,7,8-PeCDF	RAP 33-P	57117-41-6	6.38		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	2,3,4,7,8-PeCDF	RAP 33-P	57117-31-4	7.26		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,4,7,8-HxCDF	RAP 33-P	70648-26-9	25.37		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,6,7,8-HxCDF	RAP 33-P	57117-44-9	8.74		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,7,8,9-HxCDF	RAP 33-P	72918-21-9	2.10	U	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	2,3,4,6,7,8-HxCDF	RAP 33-P	60851-34-5	4.39	B	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,4,6,7,8-HpCDF	RAP 33-P	67562-39-4	14.56	B	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	1,2,3,4,7,8,9-HpCDF	RAP 33-P	55673-89-7	2.43	BJ	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	OCDF	RAP 33-P	39001-02-0	1.47	BJ	PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL TETRA-FURANS	RAP 33-P	55722-27-5	29.30		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL TETRA-DIOXINS	RAP 33-P	41903-57-5	4.18		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL PENTA-FURANS	RAP 33-P	30402-15-4	13.64		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL PENTA-DIOXINS	RAP 33-P	36088-22-9	8.73		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL HEXA-FURANS	RAP 33-P	55684-94-1	42.33		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL HEXA-DIOXINS	RAP 33-P	34465-46-8	77.30		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL HEPTA-FURANS	RAP 33-P	38998-75-3	16.99		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	TOTAL HEPTA-DIOXINS	RAP 33-P	37871-00-4	173.94		PG/G_WETWT	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-2,3,7,8-TCDD	RAP 33-P	76523-40-5	66		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,7,8-PeCDD	RAP 33-P	109719-79-1	60		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,4,7,8-HxCDD	RAP 33-P	109719-80-4	62		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,6,7,8-HxCDD	RAP 33-P	109719-81-5	70		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RAP 33-P	109719-83-7	74		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-OCDD	RAP 33-P	114423-97-1	80		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-2,3,7,8-TCDF	RAP 33-P	89059-46-1	65	#	PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,7,8-PeCDF	RAP 33-P	109719-77-9	63		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-2,3,4,7,8-PeCDF	RAP 33-P	116843-02-8	69		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,4,7,8-HxCDF	RAP 33-P	114423-98-2	62		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,6,7,8-HxCDF	RAP 33-P	116843-03-9	69		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,7,8,9-HxCDF	RAP 33-P	116843-04-0	67		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-2,3,4,6,7,8-HxCDF	RAP 33-P	116843-05-1	69		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RAP 33-P	116843-09-5	77		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RAP 33-P	109719-94-0	73		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	
RAP 33-P	DIOX	37Cl-2,3,7,8-TCDD	RAP 33-P	85508-50-5	63		PCT_REC	49715-41	BCO	49715-41-06	3-Sep-03	7-Sep-03	

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RAP 43-P	DIOX	2,3,7,8-TCDD	RAP 43-P	1746-01-6	96.05		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,7,8-PeCDD	RAP 43-P	40321-76-4	11.05		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,4,7,8-HxCDD	RAP 43-P	39227-28-6	12.65		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,6,7,8-HxCDD	RAP 43-P	57653-85-7	29.64		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,7,8,9-HxCDD	RAP 43-P	19408-74-3	3.83		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,4,6,7,8-HpCDD	RAP 43-P	35822-46-9	69.90	B	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	OCDD	RAP 43-P	3268-87-9	103.12	B	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	2,3,7,8-TCDF	RAP 43-P	51207-31-9	15.27	#	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,7,8-PeCDF	RAP 43-P	57117-41-6	3.53		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	2,3,4,7,8-PeCDF	RAP 43-P	57117-31-4	4.39		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,4,7,8-HxCDF	RAP 43-P	70648-26-9	3.52		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,6,7,8-HxCDF	RAP 43-P	57117-44-9	3.40		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,7,8,9-HxCDF	RAP 43-P	72918-21-9	1.90	U	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	2,3,4,6,7,8-HxCDF	RAP 43-P	60851-34-5	1.92		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,4,6,7,8-HpCDF	RAP 43-P	67562-39-4	8.72	B	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	1,2,3,4,7,8,9-HpCDF	RAP 43-P	55673-89-7	3.35	BU	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	OCDF	RAP 43-P	39001-02-0	1.88	BJ	PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL TETRA-FURANS	RAP 43-P	55722-27-5	27.08		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL TETRA-DIOXINS	RAP 43-P	41903-57-5	96.05		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL PENTA-FURANS	RAP 43-P	30402-15-4	12.47		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL PENTA-DIOXINS	RAP 43-P	36088-22-9	11.53		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL HEXA-FURANS	RAP 43-P	55684-94-1	13.62		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL HEXA-DIOXINS	RAP 43-P	34465-46-8	47.39		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL HEPTA-FURANS	RAP 43-P	38998-75-3	10.19		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	TOTAL HEPTA-DIOXINS	RAP 43-P	37871-00-4	72.60		PG/G_WETWT		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-2,3,7,8-TCDD	RAP 43-P	76523-40-5	57		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,7,8-PeCDD	RAP 43-P	109719-79-1	57		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,4,7,8-HxCDD	RAP 43-P	109719-80-4	55		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,6,7,8-HxCDD	RAP 43-P	109719-81-5	63		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RAP 43-P	109719-83-7	65		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-OCDD	RAP 43-P	114423-97-1	64		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-2,3,7,8-TCDF	RAP 43-P	89059-46-1	58	#	PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,7,8-PeCDF	RAP 43-P	109719-77-9	58		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-2,3,4,7,8-PeCDF	RAP 43-P	116843-02-8	64		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,4,7,8-HxCDF	RAP 43-P	114423-98-2	56		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,6,7,8-HxCDF	RAP 43-P	116843-03-9	62		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,7,8,9-HxCDF	RAP 43-P	116843-04-0	58		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-2,3,4,6,7,8-HxCDF	RAP 43-P	116843-05-1	63		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RAP 43-P	116843-09-5	67		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RAP 43-P	109719-94-0	65		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03
RAP 43-P	DIOX	37Cl-2,3,7,8-TCDD	RAP 43-P	85508-50-5	55		PCT_REC		49715-41	BCO	49715-41-07	3-Sep-03	7-Sep-03

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
RAP 43-P	19-Sep-03	MOD 1613B	2.87	4.92			1	Lab Login ID = 49913-36-07	3	N	96.05		
RAP 43-P	19-Sep-03	MOD 1613B	3.40	24.60			1	Lab Login ID = 49913-36-07	3	N	11.05		U
RAP 43-P	19-Sep-03	MOD 1613B	2.35	24.60			1	Lab Login ID = 49913-36-07	3	N	12.65		U
RAP 43-P	19-Sep-03	MOD 1613B	2.29	24.60			1	Lab Login ID = 49913-36-07	3	N	29.64		U
RAP 43-P	19-Sep-03	MOD 1613B	2.26	24.60			1	Lab Login ID = 49913-36-07	3	N	3.83		U
RAP 43-P	19-Sep-03	MOD 1613B	3.05	24.60			1	Lab Login ID = 49913-36-07	3	N	69.9		U
RAP 43-P	19-Sep-03	MOD 1613B	1.45	49.20			1	Lab Login ID = 49913-36-07	3	N	103.12		U
RAP 43-P	23-Sep-03	MOD 1613B	0.94	4.92			1	Lab Login ID = 49913-36-07	3	N	15.27		#
RAP 43-P	19-Sep-03	MOD 1613B	2.60	24.60			1	Lab Login ID = 49913-36-07	3	N	3.53		J
RAP 43-P	19-Sep-03	MOD 1613B	2.31	24.60			1	Lab Login ID = 49913-36-07	3	N	4.39		U
RAP 43-P	19-Sep-03	MOD 1613B	1.42	24.60			1	Lab Login ID = 49913-36-07	3	N	3.52		UJ
RAP 43-P	19-Sep-03	MOD 1613B	1.56	24.60			1	Lab Login ID = 49913-36-07	3	N	3.4		U
RAP 43-P	19-Sep-03	MOD 1613B	1.90	24.60			1	Lab Login ID = 49913-36-07	3	N	1.9		U
RAP 43-P	19-Sep-03	MOD 1613B	1.57	24.60			1	Lab Login ID = 49913-36-07	3	N	1.92		U
RAP 43-P	19-Sep-03	MOD 1613B	2.83	24.60			1	Lab Login ID = 49913-36-07	3	N	8.72		U
RAP 43-P	19-Sep-03	MOD 1613B	3.35	24.60			1	Lab Login ID = 49913-36-07	3	N	3.35		U
RAP 43-P	19-Sep-03	MOD 1613B	2.53	49.20			1	Lab Login ID = 49913-36-07	3	N	1.88		UJ
RAP 43-P	19-Sep-03	MOD 1613B	2.27	4.92			1	Lab Login ID = 49913-36-07	3	N	27.08		J
RAP 43-P	19-Sep-03	MOD 1613B	2.87	4.92			1	Lab Login ID = 49913-36-07	3	N	96.05		J
RAP 43-P	19-Sep-03	MOD 1613B	2.45	24.60			1	Lab Login ID = 49913-36-07	3	N	12.47		UJ
RAP 43-P	19-Sep-03	MOD 1613B	3.40	24.60			1	Lab Login ID = 49913-36-07	3	N	11.53		UJ
RAP 43-P	19-Sep-03	MOD 1613B	1.65	24.60			1	Lab Login ID = 49913-36-07	3	N	13.62		UJ
RAP 43-P	19-Sep-03	MOD 1613B	2.29	24.60			1	Lab Login ID = 49913-36-07	3	N	47.39		UJ
RAP 43-P	19-Sep-03	MOD 1613B	3.07	24.60			1	Lab Login ID = 49913-36-07	3	N	10.19		UJ
RAP 43-P	19-Sep-03	MOD 1613B	3.05	24.60			1	Lab Login ID = 49913-36-07	3	N	72.6		UJ
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	23-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			
RAP 43-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-07	3	N			

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RFS 07-P	DIOX	2,3,7,8-TCDD	RFS 07-P	1746-01-6	727.39		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,7,8-PeCDD	RFS 07-P	40321-76-4	8.37		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,4,7,8-HxCDD	RFS 07-P	39227-28-6	10.85		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,6,7,8-HxCDD	RFS 07-P	57653-85-7	37.11		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,7,8,9-HxCDD	RFS 07-P	19408-74-3	4.41		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,4,6,7,8-HpCDD	RFS 07-P	35822-46-9	91.92	B	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	OCDD	RFS 07-P	3268-87-9	65.12	B	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	2,3,7,8-TCDF	RFS 07-P	51207-31-9	6.42	#	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,7,8-PeCDF	RFS 07-P	57117-41-6	1.77	J	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	2,3,4,7,8-PeCDF	RFS 07-P	57117-31-4	2.49		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,4,7,8-HxCDF	RFS 07-P	70648-26-9	2.25		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,6,7,8-HxCDF	RFS 07-P	57117-44-9	2.70		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,7,8,9-HxCDF	RFS 07-P	72918-21-9	2.00	U	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	2,3,4,6,7,8-HxCDF	RFS 07-P	60851-34-5	1.85	U	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,4,6,7,8-HpCDF	RFS 07-P	67562-39-4	3.54	B	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	1,2,3,4,7,8,9-HpCDF	RFS 07-P	55673-89-7	2.56	BU	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	OCDF	RFS 07-P	39001-02-0	2.15	BJ	PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL TETRA-FURANS	RFS 07-P	55722-27-5	11.85		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL TETRA-DIOXINS	RFS 07-P	41903-57-5	727.39		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL PENTA-FURANS	RFS 07-P	30402-15-4	5.69		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL PENTA-DIOXINS	RFS 07-P	36088-22-9	8.37		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL HEXA-FURANS	RFS 07-P	55684-94-1	6.34		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL HEXA-DIOXINS	RFS 07-P	34465-46-8	52.37		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL HEPTA-FURANS	RFS 07-P	38998-75-3	3.54		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	TOTAL HEPTA-DIOXINS	RFS 07-P	37871-00-4	93.49		PG/G_WETWT		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-2,3,7,8-TCDD	RFS 07-P	76523-40-5	57		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,7,8-PeCDD	RFS 07-P	109719-79-1	49		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,4,7,8-HxCDD	RFS 07-P	109719-80-4	52		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,6,7,8-HxCDD	RFS 07-P	109719-81-5	58		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RFS 07-P	109719-83-7	61		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-OCDD	RFS 07-P	114423-97-1	64		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-2,3,7,8-TCDF	RFS 07-P	89059-46-1	57	#	PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,7,8-PeCDF	RFS 07-P	109719-77-9	49		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-2,3,4,7,8-PeCDF	RFS 07-P	116843-02-8	55		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,4,7,8-HxCDF	RFS 07-P	114423-98-2	51		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,6,7,8-HxCDF	RFS 07-P	116843-03-9	56		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,7,8,9-HxCDF	RFS 07-P	116843-04-0	58		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-2,3,4,6,7,8-HxCDF	RFS 07-P	116843-05-1	57		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RFS 07-P	116843-09-5	62		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RFS 07-P	109719-94-0	61		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03
RFS 07-P	DIOX	37Cl-2,3,7,8-TCDD	RFS 07-P	85508-50-5	57		PCT_REC		49715-41	BCO	49715-41-08	3-Sep-03	7-Sep-03

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
RFS 07-P	19-Sep-03	MOD 1613B	1.60	4.44			1	Lab Login ID = 49913-36-08	3	N	727.39		
RFS 07-P	19-Sep-03	MOD 1613B	3.02	22.22			1	Lab Login ID = 49913-36-08	3	N	8.37		U
RFS 07-P	19-Sep-03	MOD 1613B	1.62	22.22			1	Lab Login ID = 49913-36-08	3	N	10.85		U
RFS 07-P	19-Sep-03	MOD 1613B	1.63	22.22			1	Lab Login ID = 49913-36-08	3	N	37.11		U
RFS 07-P	19-Sep-03	MOD 1613B	1.58	22.22			1	Lab Login ID = 49913-36-08	3	N	4.41		U
RFS 07-P	19-Sep-03	MOD 1613B	2.20	22.22			1	Lab Login ID = 49913-36-08	3	N	91.92		U
RFS 07-P	19-Sep-03	MOD 1613B	1.36	44.45			1	Lab Login ID = 49913-36-08	3	N	65.12		U
RFS 07-P	23-Sep-03	MOD 1613B	0.81	4.44			1	Lab Login ID = 49913-36-08	3	N	6.42		#
RFS 07-P	19-Sep-03	MOD 1613B	2.82	22.22			1	Lab Login ID = 49913-36-08	3	N	1.77		J
RFS 07-P	19-Sep-03	MOD 1613B	2.31	22.22			1	Lab Login ID = 49913-36-08	3	N	2.49		U
RFS 07-P	19-Sep-03	MOD 1613B	1.66	22.22			1	Lab Login ID = 49913-36-08	3	N	2.25		UJ
RFS 07-P	19-Sep-03	MOD 1613B	1.75	22.22			1	Lab Login ID = 49913-36-08	3	N	2.7		U
RFS 07-P	19-Sep-03	MOD 1613B	2.00	22.22			1	Lab Login ID = 49913-36-08	3	N	2		U
RFS 07-P	19-Sep-03	MOD 1613B	1.85	22.22			1	Lab Login ID = 49913-36-08	3	N	1.85		U
RFS 07-P	19-Sep-03	MOD 1613B	2.11	22.22			1	Lab Login ID = 49913-36-08	3	N	3.54		U
RFS 07-P	19-Sep-03	MOD 1613B	2.56	22.22			1	Lab Login ID = 49913-36-08	3	N	2.56		U
RFS 07-P	19-Sep-03	MOD 1613B	2.36	44.45			1	Lab Login ID = 49913-36-08	3	N	2.15		UJ
RFS 07-P	19-Sep-03	MOD 1613B	1.83	4.44			1	Lab Login ID = 49913-36-08	3	N	11.85		J
RFS 07-P	19-Sep-03	MOD 1613B	1.60	4.44			1	Lab Login ID = 49913-36-08	3	N	727.39		J
RFS 07-P	19-Sep-03	MOD 1613B	2.55	22.22			1	Lab Login ID = 49913-36-08	3	N	5.69		UJ
RFS 07-P	19-Sep-03	MOD 1613B	3.02	22.22			1	Lab Login ID = 49913-36-08	3	N	8.37		UJ
RFS 07-P	19-Sep-03	MOD 1613B	1.87	22.22			1	Lab Login ID = 49913-36-08	3	N	6.34		UJ
RFS 07-P	19-Sep-03	MOD 1613B	1.61	22.22			1	Lab Login ID = 49913-36-08	3	N	52.37		UJ
RFS 07-P	19-Sep-03	MOD 1613B	2.31	22.22			1	Lab Login ID = 49913-36-08	3	N	3.54		UJ
RFS 07-P	19-Sep-03	MOD 1613B	2.20	22.22			1	Lab Login ID = 49913-36-08	3	N	93.49		UJ
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3	N			
RFS 07-P	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-08	3				

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RGP 106-P	DIOX	2,3,7,8-TCDD	RGP 106-P	1746-01-6	1097.55		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,7,8-PeCDD	RGP 106-P	40321-76-4	8.79		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,4,7,8-HxCDD	RGP 106-P	39227-28-6	11.65		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,6,7,8-HxCDD	RGP 106-P	57653-85-7	37.45		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,7,8,9-HxCDD	RGP 106-P	19408-74-3	4.60		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,4,6,7,8-HpCDD	RGP 106-P	35822-46-9	96.86	B	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	OCDD	RGP 106-P	3268-87-9	83.05	B	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	2,3,7,8-TCDF	RGP 106-P	51207-31-9	11.10	E	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,7,8-PeCDF	RGP 106-P	57117-41-6	3.02		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	2,3,4,7,8-PeCDF	RGP 106-P	57117-31-4	3.34		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,4,7,8-HxCDF	RGP 106-P	70648-26-9	3.56	J	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,6,7,8-HxCDF	RGP 106-P	57117-44-9	6.13		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,7,8,9-HxCDF	RGP 106-P	72918-21-9	5.54	U	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	2,3,4,6,7,8-HxCDF	RGP 106-P	60851-34-5	1.26	J	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,4,6,7,8-HpCDF	RGP 106-P	67562-39-4	12.98	B	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	1,2,3,4,7,8,9-HpCDF	RGP 106-P	55673-89-7	5.17	BU	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	OCDF	RGP 106-P	39001-02-0	3.93	BJ	PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL TETRA-FURANS	RGP 106-P	55722-27-5	14.93		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL TETRA-DIOXINS	RGP 106-P	41903-57-5	1097.55		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL PENTA-FURANS	RGP 106-P	30402-15-4	6.36		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL PENTA-DIOXINS	RGP 106-P	36088-22-9	8.79		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL HEXA-FURANS	RGP 106-P	55684-94-1	11.48		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL HEXA-DIOXINS	RGP 106-P	34465-46-8	53.70		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL HEPTA-FURANS	RGP 106-P	38998-75-3	14.64		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	TOTAL HEPTA-DIOXINS	RGP 106-P	37871-00-4	98.11		PG/G_WETWT		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-2,3,7,8-TCDD	RGP 106-P	76523-40-5	53		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,7,8-PeCDD	RGP 106-P	109719-79-1	48		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,4,7,8-HxCDD	RGP 106-P	109719-80-4	56		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,6,7,8-HxCDD	RGP 106-P	109719-81-5	64		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RGP 106-P	109719-83-7	66		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-OCDD	RGP 106-P	114423-97-1	66		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-2,3,7,8-TCDF	RGP 106-P	89059-46-1	48		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,7,8-PeCDF	RGP 106-P	109719-77-9	46		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-2,3,4,7,8-PeCDF	RGP 106-P	116843-02-8	45		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,4,7,8-HxCDF	RGP 106-P	114423-98-2	51		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,6,7,8-HxCDF	RGP 106-P	116843-03-9	56		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,7,8,9-HxCDF	RGP 106-P	116843-04-0	58		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-2,3,4,6,7,8-HxCDF	RGP 106-P	116843-05-1	56		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RGP 106-P	116843-09-5	59		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RGP 106-P	109719-94-0	61		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03
RGP 106-P	DIOX	37Cl-2,3,7,8-TCDD	RGP 106-P	85508-50-5	54		PCT_REC		49715-41	BCO	49715-41-09	3-Sep-03	7-Sep-03

[illegible]

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 120-E	DIOX	2,3,7,8-TCDD	RMP 120-E	1746-01-6	564.80		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,7,8-PeCDD	RMP 120-E	40321-76-4	13.93		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,4,7,8-HxCDD	RMP 120-E	39227-28-6	12.19		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,6,7,8-HxCDD	RMP 120-E	57653-85-7	101.51		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,7,8,9-HxCDD	RMP 120-E	19408-74-3	5.25		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 120-E	35822-46-9	96.60	B	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	OCDD	RMP 120-E	3268-87-9	100.86	B	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	2,3,7,8-TCDF	RMP 120-E	51207-31-9	15.60	#	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,7,8-PeCDF	RMP 120-E	57117-41-6	5.68		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	2,3,4,7,8-PeCDF	RMP 120-E	57117-31-4	10.20		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,4,7,8-HxCDF	RMP 120-E	70648-26-9	8.59		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,6,7,8-HxCDF	RMP 120-E	57117-44-9	6.36		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,7,8,9-HxCDF	RMP 120-E	72918-21-9	3.57	U	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	2,3,4,6,7,8-HxCDF	RMP 120-E	60851-34-5	4.09		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 120-E	67562-39-4	10.06	B	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 120-E	55673-89-7	1.15	BJ	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	OCDF	RMP 120-E	39001-02-0	6.45	B	PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL TETRA-FURANS	RMP 120-E	55722-27-5	19.70		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL TETRA-DIOXINS	RMP 120-E	41903-57-5	564.80		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL PENTA-FURANS	RMP 120-E	30402-15-4	15.88		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL PENTA-DIOXINS	RMP 120-E	36088-22-9	13.93		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL HEXA-FURANS	RMP 120-E	55684-94-1	20.09		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL HEXA-DIOXINS	RMP 120-E	34465-46-8	118.95		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL HEPTA-FURANS	RMP 120-E	38998-75-3	12.44		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	TOTAL HEPTA-DIOXINS	RMP 120-E	37871-00-4	98.84		PG/G_WETWT	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-2,3,7,8-TCDD	RMP 120-E	76523-40-5	62		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,7,8-PeCDD	RMP 120-E	109719-79-1	56		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 120-E	109719-80-4	61		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 120-E	109719-81-5	66		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 120-E	109719-83-7	70		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-OCDD	RMP 120-E	114423-97-1	77		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-2,3,7,8-TCDF	RMP 120-E	89059-46-1	64	#	PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,7,8-PeCDF	RMP 120-E	109719-77-9	55		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-2,3,4,7,8-PeCDF	RMP 120-E	116843-02-8	61		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 120-E	114423-98-2	60		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 120-E	116843-03-9	66		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 120-E	116843-04-0	64		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 120-E	116843-05-1	65		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 120-E	116843-09-5	70		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 120-E	109719-94-0	70		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03
RMP 120-E	DIOX	37Cl-2,3,7,8-TCDD	RMP 120-E	85508-50-5	62		PCT_REC	49715-41		BCO	49715-41-10	3-Sep-03	7-Sep-03

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 123-E	DIOX	2,3,7,8-TCDD	RMP 123-E	1746-01-6	469.33		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,7,8-PeCDD	RMP 123-E	40321-76-4	7.34		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,4,7,8-HxCDD	RMP 123-E	39227-28-6	11.47		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,6,7,8-HxCDD	RMP 123-E	57653-85-7	47.36		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,7,8,9-HxCDD	RMP 123-E	19408-74-3	6.13		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 123-E	35822-46-9	95.43	B	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	OCDD	RMP 123-E	3268-87-9	175.08	B	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	2,3,7,8-TCDF	RMP 123-E	51207-31-9	7.68	#	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,7,8-PeCDF	RMP 123-E	57117-41-6	3.69		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	2,3,4,7,8-PeCDF	RMP 123-E	57117-31-4	6.85		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,4,7,8-HxCDF	RMP 123-E	70648-26-9	4.00		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,6,7,8-HxCDF	RMP 123-E	57117-44-9	3.53		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,7,8,9-HxCDF	RMP 123-E	72918-21-9	3.56	U	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	2,3,4,6,7,8-HxCDF	RMP 123-E	60851-34-5	3.68		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 123-E	67562-39-4	12.83	B	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 123-E	55673-89-7	5.68	BU	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	OCDF	RMP 123-E	39001-02-0	6.74	B	PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL TETRA-FURANS	RMP 123-E	55722-27-5	12.80		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL TETRA-DIOXINS	RMP 123-E	41903-57-5	469.33		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL PENTA-FURANS	RMP 123-E	30402-15-4	10.54		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL PENTA-DIOXINS	RMP 123-E	36088-22-9	7.34		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL HEXA-FURANS	RMP 123-E	55684-94-1	13.16		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL HEXA-DIOXINS	RMP 123-E	34465-46-8	64.96		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL HEPTA-FURANS	RMP 123-E	38998-75-3	16.64		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	TOTAL HEPTA-DIOXINS	RMP 123-E	37871-00-4	99.55		PG/G_WETWT		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-2,3,7,8-TCDD	RMP 123-E	76523-40-5	61		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,7,8-PeCDD	RMP 123-E	109719-79-1	53		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 123-E	109719-80-4	55		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 123-E	109719-81-5	65		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 123-E	109719-83-7	68		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-OCDD	RMP 123-E	114423-97-1	74		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-2,3,7,8-TCDF	RMP 123-E	89059-46-1	63	#	PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,7,8-PeCDF	RMP 123-E	109719-77-9	56		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-2,3,4,7,8-PeCDF	RMP 123-E	116843-02-8	58		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 123-E	114423-98-2	56		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 123-E	116843-03-9	63		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 123-E	116843-04-0	62		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 123-E	116843-05-1	64		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 123-E	116843-09-5	68		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 123-E	109719-94-0	68		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03
RMP 123-E	DIOX	37Cl-2,3,7,8-TCDD	RMP 123-E	85508-50-5	63		PCT_REC		49715-41	BCO	49715-41-11	3-Sep-03	7-Sep-03

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 124-E	DIOX	2,3,7,8-TCDD	RMP 124-E	1746-01-6	706.49		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,7,8-PeCDD	RMP 124-E	40321-76-4	6.70		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,4,7,8-HxCDD	RMP 124-E	39227-28-6	6.65		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,6,7,8-HxCDD	RMP 124-E	57653-85-7	19.48		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,7,8,9-HxCDD	RMP 124-E	19408-74-3	2.55	J	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 124-E	35822-46-9	33.91	B	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	OCDD	RMP 124-E	3268-87-9	34.53	B	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	2,3,7,8-TCDF	RMP 124-E	51207-31-9	16.57	#	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,7,8-PeCDF	RMP 124-E	57117-41-6	3.00	J	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	2,3,4,7,8-PeCDF	RMP 124-E	57117-31-4	4.23		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,4,7,8-HxCDF	RMP 124-E	70648-26-9	2.85		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,6,7,8-HxCDF	RMP 124-E	57117-44-9	2.85		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,7,8,9-HxCDF	RMP 124-E	72918-21-9	3.25	U	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	2,3,4,6,7,8-HxCDF	RMP 124-E	60851-34-5	1.55	J	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 124-E	67562-39-4	4.77	B	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 124-E	55673-89-7	5.17	BU	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	OCDF	RMP 124-E	39001-02-0	3.35	BJ	PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL TETRA-FURANS	RMP 124-E	55722-27-5	27.07		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL TETRA-DIOXINS	RMP 124-E	41903-57-5	706.49		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL PENTA-FURANS	RMP 124-E	30402-15-4	7.23		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL PENTA-DIOXINS	RMP 124-E	36088-22-9	6.70		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL HEXA-FURANS	RMP 124-E	55684-94-1	7.60		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL HEXA-DIOXINS	RMP 124-E	34465-46-8	28.69		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL HEPTA-FURANS	RMP 124-E	38998-75-3	5.35		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	TOTAL HEPTA-DIOXINS	RMP 124-E	37871-00-4	35.87		PG/G_WETWT	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-2,3,7,8-TCDD	RMP 124-E	76523-40-5	49		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,7,8-PeCDD	RMP 124-E	109719-79-1	41		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 124-E	109719-80-4	47		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 124-E	109719-81-5	56		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 124-E	109719-83-7	54		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-OCDD	RMP 124-E	114423-97-1	60		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-2,3,7,8-TCDF	RMP 124-E	89059-46-1	49	#	PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,7,8-PeCDF	RMP 124-E	109719-77-9	43		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-2,3,4,7,8-PeCDF	RMP 124-E	116843-02-8	46		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 124-E	114423-98-2	46		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 124-E	116843-03-9	52		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 124-E	116843-04-0	51		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 124-E	116843-05-1	53		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 124-E	116843-09-5	55		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 124-E	109719-94-0	54		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	
RMP 124-E	DIOX	37Cl-2,3,7,8-TCDD	RMP 124-E	85508-50-5	49		PCT_REC	49715-41	BCO	49715-41-12	3-Sep-03	7-Sep-03	

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
RMP 124-E	19-Sep-03	MOD 1613B	3.51	4.84			1	Lab Login ID = 49913-36-12	3	N	706.49		
RMP 124-E	19-Sep-03	MOD 1613B	5.47	24.22			1	Lab Login ID = 49913-36-12	3	N	6.7		U
RMP 124-E	19-Sep-03	MOD 1613B	3.01	24.22			1	Lab Login ID = 49913-36-12	3	N	6.65		U
RMP 124-E	19-Sep-03	MOD 1613B	2.95	24.22			1	Lab Login ID = 49913-36-12	3	N	19.48		U
RMP 124-E	19-Sep-03	MOD 1613B	2.89	24.22			1	Lab Login ID = 49913-36-12	3	N	2.55		U
RMP 124-E	19-Sep-03	MOD 1613B	5.53	24.22			1	Lab Login ID = 49913-36-12	3	N	33.91		U
RMP 124-E	19-Sep-03	MOD 1613B	2.82	48.43			1	Lab Login ID = 49913-36-12	3	N	34.53		U
RMP 124-E	24-Sep-03	MOD 1613B	1.65	4.84			1	Lab Login ID = 49913-36-12	3	N	16.57		#
RMP 124-E	19-Sep-03	MOD 1613B	3.77	24.22			1	Lab Login ID = 49913-36-12	3	N	3		J
RMP 124-E	19-Sep-03	MOD 1613B	3.42	24.22			1	Lab Login ID = 49913-36-12	3	N	4.23		U
RMP 124-E	19-Sep-03	MOD 1613B	2.67	24.22			1	Lab Login ID = 49913-36-12	3	N	2.85		UJ
RMP 124-E	19-Sep-03	MOD 1613B	2.80	24.22			1	Lab Login ID = 49913-36-12	3	N	2.85		U
RMP 124-E	19-Sep-03	MOD 1613B	3.25	24.22			1	Lab Login ID = 49913-36-12	3	N	3.25		U
RMP 124-E	19-Sep-03	MOD 1613B	2.89	24.22			1	Lab Login ID = 49913-36-12	3	N	1.55		U
RMP 124-E	19-Sep-03	MOD 1613B	3.73	24.22			1	Lab Login ID = 49913-36-12	3	N	4.77		UJ
RMP 124-E	19-Sep-03	MOD 1613B	5.17	24.22			1	Lab Login ID = 49913-36-12	3	N	5.17		U
RMP 124-E	19-Sep-03	MOD 1613B	4.76	48.43			1	Lab Login ID = 49913-36-12	3	N	3.35		UJ
RMP 124-E	19-Sep-03	MOD 1613B	2.31	4.84			1	Lab Login ID = 49913-36-12	3	N	27.07		J
RMP 124-E	19-Sep-03	MOD 1613B	3.51	4.84			1	Lab Login ID = 49913-36-12	3	N	706.49		J
RMP 124-E	19-Sep-03	MOD 1613B	3.59	24.22			1	Lab Login ID = 49913-36-12	3	N	7.23		UJ
RMP 124-E	19-Sep-03	MOD 1613B	5.47	24.22			1	Lab Login ID = 49913-36-12	3	N	6.7		UJ
RMP 124-E	19-Sep-03	MOD 1613B	2.97	24.22			1	Lab Login ID = 49913-36-12	3	N	7.6		UJ
RMP 124-E	19-Sep-03	MOD 1613B	2.94	24.22			1	Lab Login ID = 49913-36-12	3	N	28.69		UJ
RMP 124-E	19-Sep-03	MOD 1613B	4.64	24.22			1	Lab Login ID = 49913-36-12	3	N	5.35		UJ
RMP 124-E	19-Sep-03	MOD 1613B	5.53	24.22			1	Lab Login ID = 49913-36-12	3	N	35.87		UJ
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-12	3	N			
RMP 124-E	19-Sep-												

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 129-E	DIOX	2,3,7,8-TCDD	RMP 129-E	1746-01-6	379.79		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,7,8-PeCDD	RMP 129-E	40321-76-4	5.71		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,4,7,8-HxCDD	RMP 129-E	39227-28-6	5.35		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,6,7,8-HxCDD	RMP 129-E	57653-85-7	25.10		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,7,8,9-HxCDD	RMP 129-E	19408-74-3	3.59		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 129-E	35822-46-9	151.51	B	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	OCDD	RMP 129-E	3268-87-9	215.60	B	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	2,3,7,8-TCDF	RMP 129-E	51207-31-9	13.42	E	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,7,8-PeCDF	RMP 129-E	57117-41-6	3.33		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	2,3,4,7,8-PeCDF	RMP 129-E	57117-31-4	4.18		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,4,7,8-HxCDF	RMP 129-E	70648-26-9	3.82		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,6,7,8-HxCDF	RMP 129-E	57117-44-9	3.56		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,7,8,9-HxCDF	RMP 129-E	72918-21-9	1.88	U	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	2,3,4,6,7,8-HxCDF	RMP 129-E	60851-34-5	1.52	J	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 129-E	67562-39-4	24.19	B	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 129-E	55673-89-7	1.49	BJ	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	OCDF	RMP 129-E	39001-02-0	15.20	B	PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL TETRA-FURANS	RMP 129-E	55722-27-5	18.17		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL TETRA-DIOXINS	RMP 129-E	41903-57-5	379.79		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL PENTA-FURANS	RMP 129-E	30402-15-4	7.51		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL PENTA-DIOXINS	RMP 129-E	36088-22-9	5.71		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL HEXA-FURANS	RMP 129-E	55684-94-1	13.28		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL HEXA-DIOXINS	RMP 129-E	34465-46-8	34.88		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL HEPTA-FURANS	RMP 129-E	38998-75-3	36.36		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	TOTAL HEPTA-DIOXINS	RMP 129-E	37871-00-4	154.71		PG/G_WETWT		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-2,3,7,8-TCDD	RMP 129-E	76523-40-5	70		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,7,8-PeCDD	RMP 129-E	109719-79-1	67		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 129-E	109719-80-4	68		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 129-E	109719-81-5	79		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 129-E	109719-83-7	75		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-OCDD	RMP 129-E	114423-97-1	78		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-2,3,7,8-TCDF	RMP 129-E	89059-46-1	61		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,7,8-PeCDF	RMP 129-E	109719-77-9	64		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-2,3,4,7,8-PeCDF	RMP 129-E	116843-02-8	68		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 129-E	114423-98-2	64		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 129-E	116843-03-9	72		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 129-E	116843-04-0	69		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 129-E	116843-05-1	70		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 129-E	116843-09-5	71		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 129-E	109719-94-0	71		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03
RMP 129-E	DIOX	37Cl-2,3,7,8-TCDD	RMP 129-E	85508-50-5	73		PCT_REC		49715-41	BCO	49715-41-13	3-Sep-03	7-Sep-03

[illegible]

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
MANTON FOOD	DIOX	2,3,7,8-TCDD	MANTON FOOD	1746-01-6	69.59		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,7,8-PeCDD	MANTON FOOD	40321-76-4	2.30	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,4,7,8-HxCDD	MANTON FOOD	39227-28-6	1.72	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,6,7,8-HxCDD	MANTON FOOD	57653-85-7	1.70	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,7,8,9-HxCDD	MANTON FOOD	19408-74-3	1.66	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,4,6,7,8-HpCDD	MANTON FOOD	35822-46-9	21.98	B	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	OCDD	MANTON FOOD	3268-87-9	35.53	B	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	2,3,7,8-TCDF	MANTON FOOD	51207-31-9	0.85	J#	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,7,8-PeCDF	MANTON FOOD	57117-41-6	2.11	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	2,3,4,7,8-PeCDF	MANTON FOOD	57117-31-4	1.86	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,4,7,8-HxCDF	MANTON FOOD	70648-26-9	1.22	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,6,7,8-HxCDF	MANTON FOOD	57117-44-9	1.34	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,7,8,9-HxCDF	MANTON FOOD	72918-21-9	1.53	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	2,3,4,6,7,8-HxCDF	MANTON FOOD	60851-34-5	1.33	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,4,6,7,8-HpCDF	MANTON FOOD	67562-39-4	3.64	B	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	1,2,3,4,7,8,9-HpCDF	MANTON FOOD	55673-89-7	1.41	BU	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	OCDF	MANTON FOOD	39001-02-0	2.56	B	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL TETRA-FURANS	MANTON FOOD	55722-27-5	5.81		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL TETRA-DIOXINS	MANTON FOOD	41903-57-5	69.59		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL PENTA-FURANS	MANTON FOOD	30402-15-4	5.23		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL PENTA-DIOXINS	MANTON FOOD	36088-22-9	2.30	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL HEXA-FURANS	MANTON FOOD	55684-94-1	4.36		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL HEXA-DIOXINS	MANTON FOOD	34465-46-8	1.69	U	PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL HEPTA-FURANS	MANTON FOOD	38998-75-3	5.75		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	TOTAL HEPTA-DIOXINS	MANTON FOOD	37871-00-4	27.22		PG/G_WETWT		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-2,3,7,8-TCDD	MANTON FOOD	76523-40-5	59		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,7,8-PeCDD	MANTON FOOD	109719-79-1	55		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,4,7,8-HxCDD	MANTON FOOD	109719-80-4	59		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,6,7,8-HxCDD	MANTON FOOD	109719-81-5	70		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,4,6,7,8-HpCDD	MANTON FOOD	109719-83-7	79		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-OCDD	MANTON FOOD	114423-97-1	83		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-2,3,7,8-TCDF	MANTON FOOD	89059-46-1	59	#	PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,7,8-PeCDF	MANTON FOOD	109719-77-9	53		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-2,3,4,7,8-PeCDF	MANTON FOOD	116843-02-8	56		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,4,7,8-HxCDF	MANTON FOOD	114423-98-2	58		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,6,7,8-HxCDF	MANTON FOOD	116843-03-9	62		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,7,8,9-HxCDF	MANTON FOOD	116843-04-0	63		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-2,3,4,6,7,8-HxCDF	MANTON FOOD	116843-05-1	68		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,4,6,7,8-HpCDF	MANTON FOOD	116843-09-5	76		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	13C-1,2,3,4,7,8,9-HpCDF	MANTON FOOD	109719-94-0	75		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03
MANTON FOOD	DIOX	37Cl-2,3,7,8-TCDD	MANTON FOOD	85508-50-5	58		PCT_REC		49715-41	BCO	49715-41-14	3-Sep-03	7-Sep-03

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RGP 106-P DUP	DIOX	2,3,7,8-TCDD	RGP 106-P DUP	1746-01-6	1393.02		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,7,8-PeCDD	RGP 106-P DUP	40321-76-4	10.47		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,4,7,8-HxCDD	RGP 106-P DUP	39227-28-6	14.32		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,6,7,8-HxCDD	RGP 106-P DUP	57653-85-7	42.19		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,7,8,9-HxCDD	RGP 106-P DUP	19408-74-3	5.53		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,4,6,7,8-HpCDD	RGP 106-P DUP	35822-46-9	119.35	B	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	OCDD	RGP 106-P DUP	3268-87-9	109.51	B	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	2,3,7,8-TCDF	RGP 106-P DUP	51207-31-9	14.49	E	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,7,8-PeCDF	RGP 106-P DUP	57117-41-6	3.58		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	2,3,4,7,8-PeCDF	RGP 106-P DUP	57117-31-4	3.82		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,4,7,8-HxCDF	RGP 106-P DUP	70648-26-9	5.56		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,6,7,8-HxCDF	RGP 106-P DUP	57117-44-9	7.59		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,7,8,9-HxCDF	RGP 106-P DUP	72918-21-9	2.30	U	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	2,3,4,6,7,8-HxCDF	RGP 106-P DUP	60851-34-5	2.26		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,4,6,7,8-HpCDF	RGP 106-P DUP	67562-39-4	15.51	B	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	1,2,3,4,7,8,9-HpCDF	RGP 106-P DUP	55673-89-7	1.72	BJ	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	OCDF	RGP 106-P DUP	39001-02-0	8.45	B	PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL TETRA-FURANS	RGP 106-P DUP	55722-27-5	18.55		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL TETRA-DIOXINS	RGP 106-P DUP	41903-57-5	1393.02		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL PENTA-FURANS	RGP 106-P DUP	30402-15-4	7.40		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL PENTA-DIOXINS	RGP 106-P DUP	36088-22-9	10.47		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL HEXA-FURANS	RGP 106-P DUP	55684-94-1	16.09		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL HEXA-DIOXINS	RGP 106-P DUP	34465-46-8	62.03		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL HEPTA-FURANS	RGP 106-P DUP	38998-75-3	21.93		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	TOTAL HEPTA-DIOXINS	RGP 106-P DUP	37871-00-4	121.65		PG/G_WETWT		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-2,3,7,8-TCDD	RGP 106-P DUP	76523-40-5	54		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,7,8-PeCDD	RGP 106-P DUP	109719-79-1	51		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,4,7,8-HxCDD	RGP 106-P DUP	109719-80-4	55		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,6,7,8-HxCDD	RGP 106-P DUP	109719-81-5	64		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RGP 106-P DUP	109719-83-7	59		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-OCDD	RGP 106-P DUP	114423-97-1	68		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-2,3,7,8-TCDF	RGP 106-P DUP	89059-46-1	47		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,7,8-PeCDF	RGP 106-P DUP	109719-77-9	47		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-2,3,4,7,8-PeCDF	RGP 106-P DUP	116843-02-8	49		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,4,7,8-HxCDF	RGP 106-P DUP	114423-98-2	53		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,6,7,8-HxCDF	RGP 106-P DUP	116843-03-9	55		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,7,8,9-HxCDF	RGP 106-P DUP	116843-04-0	57		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-2,3,4,6,7,8-HxCDF	RGP 106-P DUP	116843-05-1	59		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RGP 106-P DUP	116843-09-5	56		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RGP 106-P DUP	109719-94-0	55		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03
RGP 106-P DUP	DIOX	37Cl-2,3,7,8-TCDD	RGP 106-P DUP	85508-50-5	59		PCT_REC		49715-41	BCO	49715-41-15	3-Sep-03	7-Sep-03

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 123-N DUP	DIOX	2,3,7,8-TCDD	RMP 123-N DUP	1746-01-6	500.23		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,7,8-PeCDD	RMP 123-N DUP	40321-76-4	5.88		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,4,7,8-HxCDD	RMP 123-N DUP	39227-28-6	6.56		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,6,7,8-HxCDD	RMP 123-N DUP	57653-85-7	22.09		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,7,8,9-HxCDD	RMP 123-N DUP	19408-74-3	8.35		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 123-N DUP	35822-46-9	183.18		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	OCDD	RMP 123-N DUP	3268-87-9	235.77	B	PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	2,3,7,8-TCDF	RMP 123-N DUP	51207-31-9	6.26	#	PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,7,8-PeCDF	RMP 123-N DUP	57117-41-6	2.30		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	2,3,4,7,8-PeCDF	RMP 123-N DUP	57117-31-4	2.21		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,4,7,8-HxCDF	RMP 123-N DUP	70648-26-9	3.57		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,6,7,8-HxCDF	RMP 123-N DUP	57117-44-9	5.35		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,7,8,9-HxCDF	RMP 123-N DUP	72918-21-9	1.04	U	PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	2,3,4,6,7,8-HxCDF	RMP 123-N DUP	60851-34-5	3.19		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 123-N DUP	67562-39-4	21.49	B	PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 123-N DUP	55673-89-7	2.08	BJ	PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	OCDF	RMP 123-N DUP	39001-02-0	12.82	B	PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL TETRA-FURANS	RMP 123-N DUP	55722-27-5	9.69		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL TETRA-DIOXINS	RMP 123-N DUP	41903-57-5	500.23		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL PENTA-FURANS	RMP 123-N DUP	30402-15-4	4.51		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL PENTA-DIOXINS	RMP 123-N DUP	36088-22-9	5.88		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL HEXA-FURANS	RMP 123-N DUP	55684-94-1	12.55		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL HEXA-DIOXINS	RMP 123-N DUP	34465-46-8	38.12		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL HEPTA-FURANS	RMP 123-N DUP	38998-75-3	29.37		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	TOTAL HEPTA-DIOXINS	RMP 123-N DUP	37871-00-4	183.18		PG/G_WETWT		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-2,3,7,8-TCDD	RMP 123-N DUP	76523-40-5	52		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,7,8-PeCDD	RMP 123-N DUP	109719-79-1	51		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 123-N DUP	109719-80-4	62		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 123-N DUP	109719-81-5	66		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 123-N DUP	109719-83-7	59		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-OCDD	RMP 123-N DUP	114423-97-1	59		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-2,3,7,8-TCDF	RMP 123-N DUP	89059-46-1	54	#	PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,7,8-PeCDF	RMP 123-N DUP	109719-77-9	46		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-2,3,4,7,8-PeCDF	RMP 123-N DUP	116843-02-8	52		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 123-N DUP	114423-98-2	56		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 123-N DUP	116843-03-9	59		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 123-N DUP	116843-04-0	58		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 123-N DUP	116843-05-1	62		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 123-N DUP	116843-09-5	58		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 123-N DUP	109719-94-0	56		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03
RMP 123-N DUP	DIOX	37Cl-2,3,7,8-TCDD	RMP 123-N DUP	85508-50-5	48		PCT_REC		49715-41	BCO	49715-41-17	3-Sep-03	7-Sep-03

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.17	4.82			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.75	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.63	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.65	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.63	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.37	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.73	48.21			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	24-Sep-03	MOD 1613B	0.81	4.82			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	2.16	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.81	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.83	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.90	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.04	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.90	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.79	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	2.47	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.26	48.21			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.36	4.82			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.17	4.82			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.97	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.75	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.94	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	0.64	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	2.22	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B	1.37	24.11			1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	24-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
RMP 123-N DUP	19-Sep-03	MOD 1613B					1	Lab Login ID = 49913-36-03	3	DUP			
R													

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RGP 106-P MS	DIOX	2,3,7,8-TCDD	RGP 106-P MS	1746-01-6	451	~	PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,7,8-PeCDD	RGP 106-P MS	40321-76-4	109		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,4,7,8-HxCDD	RGP 106-P MS	39227-28-6	111		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,6,7,8-HxCDD	RGP 106-P MS	57653-85-7	115		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,7,8,9-HxCDD	RGP 106-P MS	19408-74-3	111		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,4,6,7,8-HpCDD	RGP 106-P MS	35822-46-9	118		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	OCDD	RGP 106-P MS	3268-87-9	113	B	PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	2,3,7,8-TCDF	RGP 106-P MS	51207-31-9	125	&	PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,7,8-PeCDF	RGP 106-P MS	57117-41-6	112		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	2,3,4,7,8-PeCDF	RGP 106-P MS	57117-31-4	109		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,4,7,8-HxCDF	RGP 106-P MS	70648-26-9	104		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,6,7,8-HxCDF	RGP 106-P MS	57117-44-9	118		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,7,8,9-HxCDF	RGP 106-P MS	72918-21-9	116		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	2,3,4,6,7,8-HxCDF	RGP 106-P MS	60851-34-5	114		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,4,6,7,8-HpCDF	RGP 106-P MS	67562-39-4	103		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	1,2,3,4,7,8,9-HpCDF	RGP 106-P MS	55673-89-7	117		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	OCDF	RGP 106-P MS	39001-02-0	113		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-2,3,7,8-TCDD	RGP 106-P MS	76523-40-5	68		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,7,8-PeCDD	RGP 106-P MS	109719-79-1	67		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,4,7,8-HxCDD	RGP 106-P MS	109719-80-4	68		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,6,7,8-HxCDD	RGP 106-P MS	109719-81-5	74		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RGP 106-P MS	109719-83-7	76		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-OCDD	RGP 106-P MS	114423-97-1	89		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-2,3,7,8-TCDF	RGP 106-P MS	89059-46-1	59		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,7,8-PeCDF	RGP 106-P MS	109719-77-9	67		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-2,3,4,7,8-PeCDF	RGP 106-P MS	116843-02-8	72		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,4,7,8-HxCDF	RGP 106-P MS	114423-98-2	66		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,6,7,8-HxCDF	RGP 106-P MS	116843-03-9	71		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,7,8,9-HxCDF	RGP 106-P MS	116843-04-0	72		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-2,3,4,6,7,8-HxCDF	RGP 106-P MS	116843-05-1	73		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RGP 106-P MS	116843-09-5	77		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RGP 106-P MS	109719-94-0	76		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03
RGP 106-P MS	DIOX	37Cl-2,3,7,8-TCDD	RGP 106-P MS	85508-50-5	75		PCT_REC		49715-41	BCO	49715-41-16	3-Sep-03	7-Sep-03

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
RMP 123-N MS	DIOX	2,3,7,8-TCDD	RMP 123-N MS	1746-01-6	90		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,7,8-PeCDD	RMP 123-N MS	40321-76-4	104		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,4,7,8-HxCDD	RMP 123-N MS	39227-28-6	106		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,6,7,8-HxCDD	RMP 123-N MS	57653-85-7	112		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,7,8,9-HxCDD	RMP 123-N MS	19408-74-3	131	&	PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,4,6,7,8-HpCDD	RMP 123-N MS	35822-46-9	106		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	OCDD	RMP 123-N MS	3268-87-9	105	B	PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	2,3,7,8-TCDF	RMP 123-N MS	51207-31-9	108		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,7,8-PeCDF	RMP 123-N MS	57117-41-6	109		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	2,3,4,7,8-PeCDF	RMP 123-N MS	57117-31-4	108		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,4,7,8-HxCDF	RMP 123-N MS	70648-26-9	102		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,6,7,8-HxCDF	RMP 123-N MS	57117-44-9	116		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,7,8,9-HxCDF	RMP 123-N MS	72918-21-9	115		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	2,3,4,6,7,8-HxCDF	RMP 123-N MS	60851-34-5	114		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,4,6,7,8-HpCDF	RMP 123-N MS	67562-39-4	101		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	1,2,3,4,7,8,9-HpCDF	RMP 123-N MS	55673-89-7	113		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	OCDF	RMP 123-N MS	39001-02-0	115		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-2,3,7,8-TCDD	RMP 123-N MS	76523-40-5	54.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,7,8-PeCDD	RMP 123-N MS	109719-79-1	48.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,4,7,8-HxCDD	RMP 123-N MS	109719-80-4	50.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,6,7,8-HxCDD	RMP 123-N MS	109719-81-5	54.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,4,6,7,8-HpCDD	RMP 123-N MS	109719-83-7	61.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-OCDD	RMP 123-N MS	114423-97-1	66.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-2,3,7,8-TCDF	RMP 123-N MS	89059-46-1	47.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,7,8-PeCDF	RMP 123-N MS	109719-77-9	50.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-2,3,4,7,8-PeCDF	RMP 123-N MS	116843-02-8	57.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,4,7,8-HxCDF	RMP 123-N MS	114423-98-2	49.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,6,7,8-HxCDF	RMP 123-N MS	116843-03-9	52.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,7,8,9-HxCDF	RMP 123-N MS	116843-04-0	58.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-2,3,4,6,7,8-HxCDF	RMP 123-N MS	116843-05-1	52.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,4,6,7,8-HpCDF	RMP 123-N MS	116843-09-5	61.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	13C-1,2,3,4,7,8,9-HpCDF	RMP 123-N MS	109719-94-0	63.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03
RMP 123-N MS	DIOX	37Cl-2,3,7,8-TCDD	RMP 123-N MS	85508-50-5	54.0		PCT_REC		49715-41	BCO	49715-41-18	3-Sep-03	7-Sep-03

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-41-19	DIOX	2,3,7,8-TCDD	49715-41-19	1746-01-6	0.5		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,7,8-PeCDD	49715-41-19	40321-76-4	0.1		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,4,7,8-HxCDD	49715-41-19	39227-28-6	1.2		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,6,7,8-HxCDD	49715-41-19	57653-85-7	8.6		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,7,8,9-HxCDD	49715-41-19	19408-74-3	5.1		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,4,6,7,8-HpCDD	49715-41-19	35822-46-9	10.5	B	PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	OCDD	49715-41-19	3268-87-9	11.5	B	PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	2,3,7,8-TCDF	49715-41-19	51207-31-9	22.3		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,7,8-PeCDF	49715-41-19	57117-41-6	10.1		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	2,3,4,7,8-PeCDF	49715-41-19	57117-31-4	0.9		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,4,7,8-HxCDF	49715-41-19	70648-26-9	3.9		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,6,7,8-HxCDF	49715-41-19	57117-44-9	11.9		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,7,8,9-HxCDF	49715-41-19	72918-21-9	9.5		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	2,3,4,6,7,8-HxCDF	49715-41-19	60851-34-5	15.0		PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,4,6,7,8-HpCDF	49715-41-19	67562-39-4	1.1	B	PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	1,2,3,4,7,8,9-HpCDF	49715-41-19	55673-89-7	15.2	B	PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	OCDF	49715-41-19	39001-02-0	40.0	B&	PCT_DIFF	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-2,3,7,8-TCDD	49715-41-19	76523-40-5	21	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,7,8-PeCDD	49715-41-19	109719-79-1	22	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-41-19	109719-80-4	20	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-41-19	109719-81-5	22	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-41-19	109719-83-7	23	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-OCDD	49715-41-19	114423-97-1	20	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-2,3,7,8-TCDF	49715-41-19	89059-46-1	19	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,7,8-PeCDF	49715-41-19	109719-77-9	20	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-2,3,4,7,8-PeCDF	49715-41-19	116843-02-8	13	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-41-19	114423-98-2	22	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-41-19	116843-03-9	22	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-41-19	116843-04-0	20	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-41-19	116843-05-1	22	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-41-19	116843-09-5	21	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-41-19	109719-94-0	16	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	
49715-41-19	DIOX	37Cl-2,3,7,8-TCDD	49715-41-19	85508-50-5	20	&	PCT_REC	49715-41	BCO	49715-41-19		7-Sep-03	

[illegible]

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-41-20	DIOX	2,3,7,8-TCDD	49715-41-20	1746-01-6	99		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,7,8-PeCDD	49715-41-20	40321-76-4	109		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,4,7,8-HxCDD	49715-41-20	39227-28-6	108		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,6,7,8-HxCDD	49715-41-20	57653-85-7	118		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,7,8,9-HxCDD	49715-41-20	19408-74-3	120		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,4,6,7,8-HpCDD	49715-41-20	35822-46-9	106	B	PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	OCDD	49715-41-20	3268-87-9	108	B	PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	2,3,7,8-TCDF	49715-41-20	51207-31-9	113		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,7,8-PeCDF	49715-41-20	57117-41-6	109		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	2,3,4,7,8-PeCDF	49715-41-20	57117-31-4	108		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,4,7,8-HxCDF	49715-41-20	70648-26-9	102		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,6,7,8-HxCDF	49715-41-20	57117-44-9	117		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,7,8,9-HxCDF	49715-41-20	72918-21-9	119		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	2,3,4,6,7,8-HxCDF	49715-41-20	60851-34-5	114		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,4,6,7,8-HpCDF	49715-41-20	67562-39-4	111	B	PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	1,2,3,4,7,8,9-HpCDF	49715-41-20	55673-89-7	112	B	PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	OCDF	49715-41-20	39001-02-0	105	B	PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-2,3,7,8-TCDD	49715-41-20	76523-40-5	45		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,7,8-PeCDD	49715-41-20	109719-79-1	43		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-41-20	109719-80-4	46		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-41-20	109719-81-5	48		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-41-20	109719-83-7	60		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-OCDD	49715-41-20	114423-97-1	71		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-2,3,7,8-TCDF	49715-41-20	89059-46-1	40		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,7,8-PeCDF	49715-41-20	109719-77-9	43		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-2,3,4,7,8-PeCDF	49715-41-20	116843-02-8	46		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-41-20	114423-98-2	41		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-41-20	116843-03-9	44		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-41-20	116843-04-0	46		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-41-20	116843-05-1	48		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-41-20	116843-09-5	53		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-41-20	109719-94-0	54		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03
49715-41-20	DIOX	37Cl-2,3,7,8-TCDD	49715-41-20	85508-50-5	50		PCT_REC		49715-41	BCO	49715-41-20		7-Sep-03

Section 2

Third Party Validation Report

Steve Stodola
US EPA Approval Signature

12/31/03
Date

December 19, 2003
Revised: December 29, 2003

Ms. Christine Clark
Regional Sample Control Custodian
Office of Environmental Measurement and Evaluation
U.S. EPA Region I
11 Technology Drive
North Chelmsford, MA 01863

Re: TO No. 16, Task No. 2, TDF No. 1200
Case No. CDM Swallow Tissue, SDG No. 49715-41
Battelle Laboratories - Columbus, OH
Centredale Manor, North Providence, RI

Dioxin/Furan: 13/Tissue/Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P,
RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-
E, RMP 124-N, RMP 129-E, RMP 129-N

1/Tissue SRM/CIL EDF 2526 (49715-41-19)

Dear Ms. Clark:

A Tier III data validation was performed on the Dioxin/Furan analytical data for 13 tissue and one SRM sample collected by USGS for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The samples were analyzed according to EPA Method 1613B, September 15, 1997. The samples were validated using first the criteria in the Centredale Manor Tasks 19-22 QAPP (5/23/01) which included the QAPP Addendum (dated September 27, 2002) and the QAPP Errata Sheet (dated November 6, 2002) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03). The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- * • Data Completeness (CSF Audit - Tier I)
- * • Preservation and Technical Holding Times
- PE Samples/Accuracy Check
- * • Window Defining Mix
- Initial and Continuing Calibrations
- * • Chromatographic Resolution
- * • Instrument Sensitivity Check
- Blanks
- Matrix Spike/Matrix Spike Duplicate

- * • Laboratory Control Sample/Laboratory Control Sample Duplicate
- * • Laboratory and Field Duplicates
- * • Internal/Clean-up Standards
- * • Sample Analysis and Identification
- Sample Quantitation
- * • Estimated Detection Limits (EDL) and Estimated Maximum Possible Concentration (EMPC)
- 2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity
- * • Required Sample Reruns and Second Column Confirmation
- * • System Performance

* - All criteria are met for this parameter.

The following information was used to generate the Data Validation Memorandum attachments:

Table I: Recommendation Summary Table - summarizes validation recommendations

Table II: Overall Evaluation of Data - summarizes site objectives and potential usability issues

Data Summary Tables - summarize accepted, qualified, and rejected data

Overall Evaluation of Data and Potential Usability Issues

The following is a summary of the site investigation/assessment objectives as found in Centredale Manor Tasks 19-22 QAPP (5/23/01):

- To generate data of quality sufficient to be used for a RI/FS.

One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan congeners in fish tissue). All congeners are within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value except for OCDF. Since OCDF has a low recovery, the results for OCDF in all samples are estimated (J, UJ) due to the possibility of biased low results.

The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the dioxin/furan data. Contaminants were found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination.

Data validation indicated minor data quality problems which do not significantly impact the usability of the data.

PE Samples/Accuracy Check

One CIL Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan congeners in fish tissue). All congeners are within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value except for OCDF.

The following table summarizes the SRM sample (49715-41-19 FISH SRM) result which do not meet the criterion and the resulting sample qualifications:

PE Sample Number	Congener	%D from the consensus value	Action	
			Positive Detects	NDs
CIL EDF 2526	OCDF	40	J	UJ

Since OCDF has a low recovery, the results for OCDF in all samples are estimated (J, UJ) due to the possibility of biased low results.

Initial and Continuing Calibrations

The following table summarizes the Calibration Verification (VER) results which do not meet Method 1613B recovery criterion listed in the table and the resulting sample qualifications:

VER Date	Compound	Recovery (ng/ml)	Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
09/19/03 (Ending)	123478-HxCDF	58	45-56	J	UJ	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-N, RMP 123-N, RMP 124 N, RMP 129-N
09/19/03 (Beginning)	123478-HxCDF	58	45-56	J	UJ	Manton Food, RMP 120-E, RMP 123-E, RMP 124-E, RMP 129-E
09/19/03 (Ending)	123478-HxCDF	57	45-56	J	UJ	Manton Food, RMP 120-E, RMP 123-E, RMP 124-E, RMP 129-E
09/19/03 (Ending)	1234678-HpCDF	56	45-55	J	UJ	Manton Food, RMP 120-E, RMP 123-E, RMP 124-E, RMP 129-E

Since the recoveries for these congeners are outside the acceptance range, the data associated with noncompliant calibration verifications are qualified (J, UJ). The quantitation of the associated analytes in the samples could be biased.

Blanks

All of the blanks associated with this SDG were evaluated for possible sources of contamination. The following table summarizes the highest concentration of contamination that was detected in the blanks. The table lists the action levels and the samples affected:

Congener	Type of Blank	Blank Concentration (pg/g)	Action Level (pg/g)	Samples Affected
12378-PeCDD	Method Blank (09/19/03)	8.7	44	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
123478-HxCDD	Method Blank (09/19/03)	14	72	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
123678-HxCDD	Method Blank (09/19/03)	16	79	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
123789-HxCDD	Method Blank (09/19/03)	22	110	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
1234678-HpCDD	Method Blank (09/19/03)	36	180	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 123-E, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
OCDD	Method Blank (09/19/03)	270	2700	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
23478-PeCDF	Method Blank (09/19/03)	7.3	36	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
123478-HxCDF	Method Blank (09/19/03)	9.4	47	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
123678-HxCDF	Method Blank (09/19/03)	12	62	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N

Congener	Type of Blank	Blank Concentration (pg/g)	Action Level (pg/g)	Samples Affected
234678-HxCDF	Method Blank (09/19/03)	19	93	RAP 33-P, RAP 43-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
1234678-HpCDF	Method Blank (09/19/03)	26	130	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
1234789-HpCDF	Method Blank (09/19/03)	43	220	RAP 33-P, RMP 120-E, RMP 120-N, RMP 123-N, RMP 124-N, RMP 129-E, RMP 129-N
OCDF	Method Blank (09/19/03)	180	1800	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
Total PeCDD	Method Blank (09/19/03)	8.7	87	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
Total HxCDD	Method Blank (09/19/03)	52	520	RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
Total HpCDD	Method Blank (09/19/03)	52	520	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
Total PeCDF	Method Blank (09/19/03)	7.3	73	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
Total HxCDF	Method Blank (09/19/03)	79	790	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N
Total HpCDF	Method Blank (09/19/03)	69	690	Manton Food, RAP 33-P, RAP 43-P, RFS 07-P, RGP 106-P, RMP 120-E, RMP 120-N, RMP 123-E, RMP 123-N, RMP 124-E, RMP 124-N, RMP 129-E, RMP 129-N

Blank actions are based on Region I, EPA-NE Data Validation Functional Guidelines for

Evaluating Environmental Analyses, December 1996 and EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03) criteria. Blank action levels are calculated as ten times the highest concentration of the contaminant determined in any blank for common contaminants (OCDD/OCDF and Total Homologues) and five times the highest concentration for all other analytes. The positive sample results that are less than the blank action level are reported as non-detects (U) at the reported concentration on the Data Summary Table.

Matrix Spike/Matrix Spike Duplicate

Two MS samples were evaluated for this SDG: RGP 106-PMS and RMP 123-NMS.

The table below summarizes the MS/MSD results which do not meet the recovery criterion of 50-120% for Centredale Manor Tasks 19-22 QAPP (5/23/01).

RGP 106-P			
Congener	MS % Rec.	Action	
		Positive Detects	NDs
2378-TCDF	125	J	A

2378-TCDF is estimated (J) in sample RGP 106-P since the percent recovery is outside the required criterion.

RMP 123-N			
Congener	MS % Rec.	Action	
		Positive Detects	NDs
123789-HxCDD	131	J	A

123789-HxCDD is estimated (J) in sample RMP 123-N since the percent recovery is outside the required criterion.

Sample Quantitation

Concentrations quantitated below the lowest calibration standard are flagged (J) on the Data Summary Tables. Quantitation is not accurate when the reported results are below the lowest calibration standard.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table differ from the values reported by the laboratory. The validated data accounts for blank contamination. The TEF values used in the Data Summary Tables correspond to the TEF values in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 3,

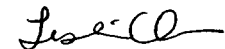
page 782 (for birds).

System Performance

No trends are noted.

Very truly yours,

LOCKHEED ENVIRONMENTAL



for
Janine Bartels
Principal Scientist



Louis Macri
ESAT Program Manager

cc: Cornell Rosiu, EPA Project Manager (DV Memorandum, Data Summary Table)

Attachments: Table I: Recommendation Summary Table
Table II: Overall Evaluation of Data
Data Summary Tables
Data Validation Worksheets
Analytical Method
PE Results
Communication/Phone Logs
Field Sampling Notes

Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: CDM Swallow Tissue/SDG No. 49715-41

Table I
Recommendation Summary Table for Dioxins/Furans

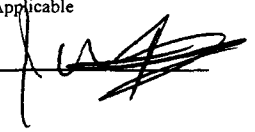
- A - Accept results.
- J¹ - SRM recovery outside criterion; J detects, UJ non-detects.
- J² - VER % recovery outside criterion; J detects, UJ non-detects.
- J³ - Method blank contamination; positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
- J⁴ - MS/MSD % recovery is outside criterion: J detects.

A-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives as found in Centredale Manor Tasks 19-22 QAPP (5/23/01): To generate data of quality sufficient to be used for a RI/FS.	Yes, Sampling Method appropriate for all samples. Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: J^{1,2,3,4}	Refer to qualification in R/S Key on Table I: NA	**	One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan congeners in fish tissue). All congeners are within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value except for OCDF. Since OCDF has a low recovery, the results for OCDF in all samples are estimated (J, UJ) due to the possibility of biased low results. The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the dioxin/furan data. Contaminants were found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination.

* The evaluation of "sampling error" cannot be completely assessed in the data validation.
 ** Sampling variability is not assessed in data validation.
 NA Not Applicable

Validator: 

Date: 12/29/03

Data Summary Table
Dioxin/Furan - Tissue Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. CDM Swallow Tissue SDG No. 49715-41
LABORATORY: Battelle

SAMPLE NUMBER: STATION LOCATION: MATRIX:	Toxicity Equivalency Factors (1)	MANTON FOOD MANTON POND DIET	RAP 33-P ALLENDALE EGG	RAP 43-P ALLENDALE EGG	RFS 07-P FIRESTATION EGG	RGP 106-P GREYSTONE EGG
TCDD/TCDF CONC.:		pg/g	pg/g	pg/g	pg/g	pg/g
2,3,7,8-TCDD	1.0	69.59	4.18 J	96.05	727.39	1097.55
1,2,3,7,8-PeCDD	1.0	U	U	U	U	U
1,2,3,4,7,8-HxCDD	0.05	U	U	U	U	U
1,2,3,6,7,8-HxCDD	0.01	U	U	U	U	U
1,2,3,7,8,9-HxCDD	0.1	U	U	U	U	U
1,2,3,4,6,7,8-HpCDD	< 0.001	U	U	U	U	U
OCDD	0.0001	U	U	U	U	U
2,3,7,8-TCDF	1.0	0.85 J#	16.91 #	15.27 #	6.42 #	11.10 J
1,2,3,7,8-PeCDF	0.1	U	6.38 J	3.53 J	1.77 J	3.02 J
2,3,4,7,8-PeCDF	1.0	U	U	U	U	U
1,2,3,4,7,8-HxCDF	0.1	UJ	UJ	UJ	UJ	UJ
1,2,3,6,7,8-HxCDF	0.1	U	U	U	U	U
1,2,3,7,8,9-HxCDF	0.1	U	U	U	U	U
2,3,4,6,7,8-HxCDF	0.1	U	U	U	U	U
1,2,3,4,6,7,8-HpCDF	0.01	UJ	U	U	U	U
1,2,3,4,7,8,9-HpCDF	0.01	UJ	U	U	U	U
OCDF	0.0001	UJ	UJ	UJ	UJ	UJ
TOTAL TCDD		69.59 J	4.18 J	96.05 J	727.39 J	1097.55 J
TOTAL PeCDD		UJ	UJ	UJ	UJ	UJ
TOTAL HxCDD		UJ	UJ	UJ	UJ	UJ
TOTAL HpCDD		UJ	UJ	UJ	UJ	UJ
TOTAL TCDF		5.81 J	29.30 J	27.08 J	11.85 J	14.93 J
TOTAL PeCDF		UJ	UJ	UJ	UJ	UJ
TOTAL HxCDF		UJ	UJ	UJ	UJ	UJ
TOTAL HpCDF		UJ	UJ	UJ	UJ	UJ
TOXIC EQUIVALENT(1):		70 J	22 J	110 J	730 J	1100 J
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		06/14/03	05/28/03	05/29/03	05/28/03	05/29/03
DATE OF RECEIPT:		09/03/03	09/03/03	09/03/03	09/03/03	09/03/03
EXTRACTION DATE:		09/07/03	09/07/03	09/07/03	09/07/03	09/07/03
ANALYSIS DATE:		09/19/03	09/19/03	09/19/03	09/19/03	09/19/03
LAB SAMPLE ID:		49913-36-14	49913-36-06	49913-36-07	49913-36-08	49913-36-09

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "U". The DL values are unmarked.
The EMPC values are not qualified with a "J", since they are already estimated.

(1) The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxicity Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume (106), Number 12, December 1998, Table 3, page 782.

Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

< = The expected upper limit of the TEF values for the congener in birds.

= Concentration reported from the confirmation analysis.

SITE: Centredale Manor - N. Providence, RI
CASE NO. CDM Swallow Tissue SDG No. 49715-41
LABORATORY: Battelle

SAMPLE NUMBER: STATION LOCATION: MATRIX:	Toxicity Equivalency Factors (1)	RMP 120-E MANTON POND EGG		RMP 120-N MANTON POND NESTLING		RMP 123-E MANTON POND EGG		RMP 123-N MANTON POND NESTLING		RMP 124-E MANTON POND EGG	
TCDD/TCDF CONC.		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*
2,3,7,8-TCDD	1.0	564.80		389.60		469.33		517.53		706.49	
1,2,3,7,8-PeCDD	1.0	U	13.93	U	5.06	U	7.34	U	5.81	U	6.70
1,2,3,4,7,8-HxCDD	0.05	U	12.19	U	6.81	U	11.47	U	7.43	U	6.65
1,2,3,6,7,8-HxCDD	0.01	101.51		U	26.25	U	47.36	U	25.26	U	19.48
1,2,3,7,8,9-HxCDD	0.1	U	5.25	U	9.95	U	6.13	UJ	9.91	U	2.55
1,2,3,4,6,7,8-HpCDD	< 0.001	U	96.60	200.56		U	95.43	198.21		U	33.91
OCDD	0.0001	U	100.86	U	251.45	U	175.08	U	256.82	U	34.53
2,3,7,8-TCDF	1.0	15.60 #		5.79 #		7.68 #		7.08 #		16.57 #	
1,2,3,7,8-PeCDF	0.1	5.68		2.32		3.69		2.00		3.00	
2,3,4,7,8-PeCDF	1.0	U	10.20	U	2.51	U	6.85	U	2.34	U	4.23
1,2,3,4,7,8-HxCDF	0.1	UJ	8.59	UJ	4.15	UJ	4.00	UJ	4.39	UJ	2.85
1,2,3,6,7,8-HxCDF	0.1	U	6.36	U	5.46	U	3.53	U	5.40	U	2.85
1,2,3,7,8,9-HxCDF	0.1	U	3.57	U	3.07	U	3.56	U	3.53	U	3.25
2,3,4,6,7,8-HxCDF	0.1	U	4.09	U	3.28	U	3.68	U	2.87	U	1.55
1,2,3,4,6,7,8-HpCDF	0.01	UJ	10.06	U	27.30	UJ	12.83	U	24.79	UJ	4.77
1,2,3,4,7,8,9-HpCDF	0.01	U	1.15	U	1.53	U	5.68	U	1.21	U	5.17
OCDF	0.0001	UJ	6.45	UJ	10.51	UJ	6.74	UJ	9.28	UJ	3.35
TOTAL TCDD		564.80	J	389.60	J	469.33	J	517.53	J	706.49	J
TOTAL PeCDD		UJ	13.93	UJ	5.06	UJ	7.34	UJ	5.81	UJ	6.70
TOTAL HxCDD		UJ	118.95	UJ	43.01	UJ	64.96	UJ	42.60	UJ	28.69
TOTAL HpCDD		UJ	98.84	UJ	206.23	UJ	99.55	UJ	202.76	UJ	35.87
TOTAL TCDF		19.70	J	10.27	J	12.80	J	12.51	J	27.07	J
TOTAL PeCDF		UJ	15.88	UJ	4.83	UJ	10.54	UJ	4.34	UJ	7.23
TOTAL HxCDF		UJ	20.09	UJ	13.51	UJ	13.16	UJ	13.32	UJ	7.60
TOTAL HpCDF		UJ	12.44	UJ	33.98	UJ	16.64	UJ	29.56	UJ	5.35
TOXIC EQUIVALENT(1):		580	J	400	J	480	J	520	J	720	J
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		05/27/03		06/14/03		05/27/03		06/14/03		05/27/03	
DATE OF RECEIPT:		09/03/03		09/03/03		09/03/03		09/03/03		09/03/03	
PLE EXTRACTION DATE:		09/07/03		09/07/03		09/07/03		09/07/03		09/07/03	
ANALYSIS DATE:		09/19/03		09/19/03		09/19/03		09/19/03		09/19/03	
LAB SAMPLE ID:		49913-36-10		49913-36-02		49913-36-11		49913-36-03		49913-36-12	

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The EMPC values are not qualified with a "J", since they are already estimated.

(1) The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume (106), Number 12, December 1998, Table 3, page 782.

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= Concentration reported from the confirmation analysis.

Data Summary Table
Dioxin/Furan - Tissue Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. CDM Swallow Tissue
LABORATORY: Battelle

SDG No. 49715-41

SAMPLE NUMBER: STATION LOCATION: MATRIX:	Toxicity Equivalency Factors (1)	RMP 124-N MANTON POND NESTLING		RMP 129-E MANTON POND EGG		RMP 129-N MANTON POND NESTLING	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*
2,3,7,8-TCDD	1.0	449.13		379.79		433.70	
1,2,3,7,8-PeCDD	1.0	U	4.20	U	5.71	U	3.87
1,2,3,4,7,8-HxCDD	0.05	U	3.51	U	5.35	U	4.63
1,2,3,6,7,8-HxCDD	0.01	U	6.79	U	25.10	U	14.23
1,2,3,7,8,9-HxCDD	0.1	U	3.19	U	3.59	U	5.66
1,2,3,4,6,7,8-HpCDD	< 0.001	U	33.35	U	151.51	U	84.38
OCDD	0.0001	U	46.52	U	215.60	U	96.62
2,3,7,8-TCDF	1.0	5.61 #		13.42		5.96 #	
1,2,3,7,8-PeCDF	0.1	2.10 J		3.33 J		1.63 J	
2,3,4,7,8-PeCDF	1.0	U	2.40	U	4.18	U	1.44
1,2,3,4,7,8-HxCDF	0.1	UJ	2.90	UJ	3.82	UJ	2.24
1,2,3,6,7,8-HxCDF	0.1	U	2.94	U	3.56	U	3.14
1,2,3,7,8,9-HxCDF	0.1	U	5.45	U	1.88	U	2.49
2,3,4,6,7,8-HxCDF	0.1	U	1.99	U	1.52	U	1.64
1,2,3,4,6,7,8-HpCDF	0.01	U	6.25	UJ	24.19	U	10.53
1,2,3,4,7,8,9-HpCDF	0.01	U	1.38	U	1.49	U	0.97
OCDF	0.0001	UJ	4.53	UJ	15.20	UJ	4.01
TOTAL TCDD		449.13 J		379.79 J		433.70 J	
TOTAL PeCDD		UJ	4.20	UJ	5.71	UJ	3.87
TOTAL HxCDD		UJ	13.50	UJ	34.88	UJ	24.53
TOTAL HpCDD		UJ	35.08	UJ	154.71	UJ	87.53
TOTAL TCDF		7.43 J		18.17 J		8.06 J	
TOTAL PeCDF		UJ	4.51	UJ	7.51	UJ	3.71
TOTAL HxCDF		UJ	8.27	UJ	13.28	UJ	10.02
TOTAL HpCDF		UJ	7.63	UJ	36.36	UJ	14.19
TOXIC EQUIVALENT(1):		450 J		390 J		440 J	
DILUTION FACTOR:		1.0		1.0		1.0	
DATE SAMPLED:		06/14/03		05/27/03		06/14/03	
DATE OF RECEIPT:		09/03/03		09/03/03		09/03/03	
EXTRACTION DATE:		09/07/03		09/07/03		09/07/03	
ANALYSIS DATE:		09/19/03		09/19/03		09/19/03	
LAB SAMPLE ID:		9913-36-04		9913-36-13		9913-36-05	

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