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US ARMY CORPS
OF ENGINEERS
New England District

Contract No. DACW33-01-D-0004
Delivery Order No. 01
April 2002

Task 22B Post-Third Party Validated Sediment Chemistry Data Report

CENTREDALE MANOR RESTORATION PROJECT SUPERFUND SITE HUMAN HEALTH AND BASELINE RISK ASSESSMENTS

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Section 1
Dioxin/Furan, HCX and TCX Results

QA/QC Narrative
Sediment and QC Results

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QA/QC Narrative

DIOXIN/FURAN/TCX/HCX SEDIMENT QA/QC SUMMARY
QC Batch 48985-01

PROJECT: USACE NAE Delivery Order #01 Centredale
PARAMETER: Dioxin/Furan/TCX/HCX by High Resolution Mass Spectrometry (HRMS)
LABORATORY: Battelle, Columbus, OH
MATRIX: Sediment
SAMPLE CUSTODY: Sediment samples arrived at Battelle Columbus on July 14 and 21, 2001. All samples were received in good condition, and the cooler temperatures upon receipt ranged from 1.6 (7/14) to 13.8 °C (7/21). Note that the sample container for the field sediment duplicate sample, received on July 21, 2001, was received out of temperature spec (13.8 °C).

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved Detection Limit (pg/g Dry)	Project Goals (pg/g Dry)
Dioxin/ Furan/ HCX/ TCX	L-23 Battelle SOP ASAT.II-001-02	<5× MDL, or associated samples > 10x blank values	25-150% Recovery	*LCS*: Method 1613B, Table 6 OPR[a] *MS:* 50-120% Recovery [b]	≤30% PD[c]	≤30% RPD[b, d]	Tetras and TCX: 0.71 – 3.79 Penta-Hepta: 3.57 – 19.0 Octas: 7.14 – 38.0 HCX: 28.6 – 152	Tetras and TCX: 0.008 – 0.587 Penta-Hepta: 0.008 – 2050 Octas: 4670 – 137000 HCX: 0.00137 - 132

[a] Method 1613B, Table 6 OPR requirements documented on LCS summary report table.
[b] Analyte concentration in MS/MSD must be >5× background to be used for data quality assessment.
[c] Certified values must be >5× the MDL.
[d] *Sample replicate precision:* concentrations in sample replicate must be >10× the MDL.

METHOD: Sediment samples were processed and analyzed for seventeen 2,3,7,8-substituted polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF), 2,3,6.7-tetrachloroxanthene (TCX), and 1,2,4,5,7,8-hexachloroxanthene (HCX) following methods described in Battelle's Quality Assurance Project Plan (Battelle, 2001). Briefly,

Sample Preparation: The samples were processed in SDG 48985-01 with the exception of the field duplicate, which was extracted with SDG 49038-01. Aliquots of each sediment sample were weighed into individual jars and mixed with Hydromatrix drying agent. Approximately 10 g wet weight of each sediment sample was used. Eight of the samples were prepared for PCDD/PCDF, TCX, and HCX only. Three of the field samples and all of six QC samples were prepared for PCB analysis in addition to PCDD/PCDF, TCX, and HCX. The sediment/Hydromatrix mixtures were placed into Accelerated Solvent Extraction (ASE) cells and spiked with $^{13}C_{12}$-labeled PCDD/PCDF internal standard solutions. Matrix spike, matrix spike duplicate, and the laboratory control spike (LCS) samples were spiked with native PCDD/PCDF, TCX, and HCX at this time. Note that the 9 samples also prepared for PCB analysis received internal and matrix spike solutions at twice the level of the other samples to

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METHOD (cont):

accommodate the sample being split in half for separate PCB and PCDD/PCDF/TCX/HCX cleanup. The samples were ASE extracted using toluene. Each extract was then spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was acid/base washed. After the acid/base wash step, the 9 samples for both PCB and PCDD/PCDF/TCX/HCX were split in half. Half of each extract was submitted for PCB cleanup, and the remaining half plus the 9 extracts for PCDD/PCDF/TCX/HCX only were then processed through acid/base silica, alumina, and carbon cleanup columns. The sediment extracts were spiked with 1,2,3,4-TCDD-$^{13}C_{12}$ and 1,2,3,7,8,9-HxCDD-$^{13}C_{12}$ recovery standard and concentrated to a final sample volume of 20 µL.

PCDD/PCDF/TCX/HCX 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, TCX, and HCX; 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 sediment standard reference material, one matrix spike, one matrix spike duplicate, and one sample prepared in duplicate.

2. 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 dry weight of 5 g of sediment and a final sample volume of 20 µL: 1.00 to 800 pg/g dry for tetra compounds, 5.00 to 4,000 pg/g dry for penta through hepta compounds, and 10.0 to 8,000 pg/g dry for octa compounds. For samples whose extracts were split in half, the calibration range is 2.00 to 1,600 pg/g dry for tetra compounds, 10.0 to 8,000 pg/g dry for penta through hepta compounds, and 20.0 to 16,000 pg/g dry for octa compounds.

3. 2,3,6,7-Tetrachloroxanthene and 1,2,4,5,7,8-hexachloroxanthene were added to the analyte list for these analyses. TCX and HCX were determined by the analysis of an initial calibration curve. $^{13}C_{12}$-2,3,7,8-TCDD was used as the internal standard for TCX and $^{13}C_{12}$-1,2,3,7,8,9-HxCDF was used as the internal standard for HCX. For TCX, the calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 5 g of sediment and a final sample volume of 20 µL: 5.00 to 16,000 pg/g dry; and for HCX the calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 5 g of sediment and a final sample volume of 20 µL: 40.0 to 16,000 pg/g dry. For samples whose extract were split in half, the TCX ranges from 10.00 to 32,000 pg/g dry and the HCX ranges from 80.0 to 32,000 pg/g dry.

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

Calibrations – Please note all of the 12-hour continuing calibrations met the criteria found in Table 6 of Method 1613 for all analytes except for 1,2,3,7,8,9-HxCDF on the July 27, 2001 analysis day. For this analysis day, the average daily response factor for 1,2,3,7,8,9-HxCDF was used to calculate sample concentrations.

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DIOXIN/FURAN/TCX/HCX SEDIMENT QA/QC SUMMARY
QC Batch 48985-01

HOLDING TIMES: Samples were prepared for analysis in one analytical batch. Samples were extracted and analyzed within holding times specified by the method.

Batch	Extraction Date	Analysis Date
48985-01	7/23/01*	7/27, 7/28, 8/17 and 9/13/2001

*Sample LPX-SD-071601 was extracted on 8/30/01

DETECTION LIMITS: Dioxin/furan, HCX and TCX results are reported relative to the sample-specific reporting limits (also referred to as QL in the QAPP) for that compound. The sample-specific RL is based on the low calibration standard and adjusted for sample specific processing factors and volumes, as follow:

RL = (Concentration in Low Std. × final extract volume × dilution factors)/ Sample size

Where,
Concentration in low standard = 0.25 to 2.5 pg/µL
Final Extract Volume = 20 µL
Dilution Factor = documented in project file
Sample Size = approximately 5 to 10-g wet

Achieved RLs did not meet project detection limit goals for most target compounds. As noted in the QAPP, the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods. If detection limits cannot be achieved, this will be addressed in the uncertainty discussions in the risk assessment.

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

48985-01 – Several analytes were detected at a trace level; however, the levels detected were below the reporting limit.

LABORATORY CONTROL SAMPLE: A laboratory control sample (LCS) was prepared with the analytical batch. The percent recoveries of target compounds were calculated to measure data quality in terms of accuracy.

48985-01 – The LCS samples met the criteria found in Table 6 of Method 1613, Revision B for PCDD/PCDF. The percent recovery for TCX and HCX in the LCS were found to be 4% and 75%, respectively. There are no applicable accuracy or precision requirements for TCX and HCX. These analytes were added to the LCS sample, as they were to the matrix spike samples, to investigate how they behave in a typical PCDD/PCDF extraction and cleanup process.

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DIOXIN/FURAN/TCX/HCX SEDIMENT QA/QC SUMMARY
QC Batch 48985-01

MATRIX SPIKES: One matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with the batch to measure data quality in terms of accuracy and precision. The MS and MSD were fortified with target compounds to monitor data quality in terms of accuracy and precision.

48985-01 – For PCDD/PCDF, the matrix spike recoveries range from 96 - 111%, with the exceptions of 1,2,3,4,6,7,8-HpCDD (131%) and OCDD (206%). The matrix spike duplicate recoveries for PCDD/PCDF range from 93 – 118%, with the exception of OCDD (133%). The RPD between duplicates for PCDD/PCDF ranged from 0-11%, with the exception of OCDD, which exceeded the acceptable range of ≤30% RPD. The spike levels for 1,2,3,4,6,7,8-HpCDD and OCDD were not greater than 5× the background level; therefore the recovery and RPD results for 1,2,3,4,6,7,8-HpCDD and OCDD are not to be used for data quality assessment purposes.

The matrix spike recovery for TCX and HCX were 13% and 111%, respectively, and the matrix spike duplicate recoveries for TCX and HCX were 8% and 101%, respectively. The RPD between duplicates for TCX and HCX were 46% and 9%, respectively. There are no applicable accuracy or precision requirements for TCX and HCX. These analytes were added to the matrix spike samples to investigate how well they behave in a typical PCDD/PCDF extraction and cleanup process. These results demonstrate that HCX is well recovered in the process and TCX is not.

INTERNAL STANDARDS: Sixteen surrogate compounds were added to each sample prior to processing. Internal standard recoveries were calculated to measure data quality in terms of accuracy (sample processing efficiency).

48985-01 – Recoveries of most of the internal standards were within 25-150% for all samples. Several recoveries were outside the limits listed above. The out-of-limits results should not greatly affect the final concentrations found in the samples since the isotope dilution method of quantitation was used. Recoveries outside the 25-150% limits are flagged on the report forms.

REPLICATES: A laboratory duplicate was prepared with the batch. The RPD between laboratory replicate analyses for target compounds was calculated to measure data quality in terms of precision.

48985-01 – All RPDs met assessment criteria. The RPD for analytes detected above the action level of >10× MDL ranged from 10 – 22%. The RPD for HCX was 33%. There is no applicable accuracy or precision requirement for HCX.

SRM: A standard reference material 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.

48985-01 – All analytes in the SRM were found to be within the limit of 30% difference from consensus values and range from 0.1 – 14.2%.

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support.* Tasks 19-22 QAPP prepared under contract to USACE NAE. Delivery Order #59. May 23, 2001. 509pp + apps. .

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QUALITY ASSURANCE STATEMENT

Project Title: USACE/NED, Centredale Manor Task 22 Sediment Samples, Batch 1 of 1

Project Number: G487002-22A2

Description of Data: Sediment samples for dioxin/furan/TCX/HCX

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 ±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 Specialist
Atmospheric Science and Applied Technology
Battelle

10-29-01
Date

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	0.49	pg/g - Dry Wt	J		1.49
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	0.24	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	0.27	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	0.55	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	0.79	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	9.35	pg/g - Dry Wt			7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	40.57	pg/g - Dry Wt			14.86
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	0.60	pg/g - Dry Wt	#J		1.49
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	0.30	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	0.25	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	0.65	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	0.28	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.34	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	0.30	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	1.23	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	0.46	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	0.92	pg/g - Dry Wt	J		14.86
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	TCX		Dioxin	MOD 1613B	1.49	pg/g - Dry Wt	U		1.49
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	59.42	pg/g - Dry Wt	U		59.42
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	0.79	pg/g - Dry Wt	J		1.49
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	0.49	pg/g - Dry Wt	J		1.49
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	1.84	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	0.24	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	2.88	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	4.10	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	2.87	pg/g - Dry Wt	J		7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	14.66	pg/g - Dry Wt			7.43
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	74	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	85	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	85	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	97	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	97	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	90	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	75	%RECOVERY	#		
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	79	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	83	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	78	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	87	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	84	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	85	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	92	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	90	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/27/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	53	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	91	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	101	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	108	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	94	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	97	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	106	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	115	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	107	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	105	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	105	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	101	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	102	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	129	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	102	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	101	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	3.3657	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	TCX		Dioxin	MOD 1613B	4	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	75	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	91	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	98	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	91	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	110	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	107	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	83	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	91	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	96	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	89	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	96	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	95	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	94	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/27/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	65	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	101	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	104	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	104	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	110	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	131	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	206	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	96	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	103	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	102	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	97	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	101	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	105	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	111	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	13	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	111	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	77	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	83	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	83	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	85	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	105	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	97	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	53	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	80	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	76	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	81	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	79	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	93	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	85	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	94	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	102	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MS	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	55	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	99	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	113	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	97	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	111	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	118	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	133	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	93	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	103	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	101	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	103	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	99	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	98	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	105	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	113	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	8	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	101	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	81	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	90	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	84	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	92	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	119	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	108	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	56	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	86	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	83	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	84	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	87	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	91	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	110	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	MSD	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	59	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	11.7	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	14.2	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	11.7	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	4.5	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	6.7	%DIFFERENCE			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.4957	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48401-77-03	3.5093	G_DRY				T
	48514-40-08		1.000		Lab Extraction ID = 48985-01-17	5.0027	G_DRY				T
	48514-40-08		1.000		Lab Extraction ID = 48985-01-17	5.0027	G_DRY				T
	48514-40-08		1.000		Lab Extraction ID = 48985-01-17	5.0027	G_DRY				T
	48514-40-08		1.000		Lab Extraction ID = 48985-01-17	5.0027	G_DRY				T
	48514-40-08		1.000		Lab Extraction ID = 48985-01-17	5.0027	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	6.9	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	5.9	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	7.1	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	0.1	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	1.1	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	4.8	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	8.6	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	4.5	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	3.6	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	0.1	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	11.5	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	0.4	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	NA	%DIFFERENCE			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	95	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	103	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	92	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	100	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	128	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	117	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	87	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	95	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	97	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	91	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	95	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	108	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	96	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	110	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	119	%RECOVERY			
	48514-40-08	BCO	SRM		07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	78	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	1661.56	pg/g - Dry Wt			3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	3.85	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	5.34	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	16.37	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	15.80	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	370.34	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	2339.85	pg/g - Dry Wt			37.90
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	9.53	pg/g - Dry Wt	#		3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	2.86	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	5.80	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	9.96	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	8.09	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	18.95	pg/g - Dry Wt	U		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	5.69	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	99.62	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	5.50	pg/g - Dry Wt	J		18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	170.42	pg/g - Dry Wt			37.90
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	3.79	pg/g - Dry Wt	U		3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	84225.90	pg/g - Dry Wt			151.59
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	81.91	pg/g - Dry Wt			3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	1680.61	pg/g - Dry Wt			3.79

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48514-40-08		1.000		Lab Extraction ID = 48985-01-17	5.0027	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	148.24	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	22.10	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	149.27	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	120.19	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	212.14	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	684.58	pg/g - Dry Wt			18.95
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	89	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	95	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	93	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	100	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	122	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	125	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	68	%RECOVERY	#		
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	94	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	89	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	91	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	93	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	103	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	97	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	107	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	113	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	76	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	478.54	pg/g - Dry Wt			2.72
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	10.23	pg/g - Dry Wt	J		13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	21.53	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	74.61	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	54.44	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	1567.27	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	11092.29	pg/g - Dry Wt			27.22
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	5.37	pg/g - Dry Wt	#		2.72
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	4.75	pg/g - Dry Wt	J		13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	5.78	pg/g - Dry Wt	J		13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	22.20	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	20.08	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	13.61	pg/g - Dry Wt	U		13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	14.62	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	313.37	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	17.860	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	568.45	pg/g - Dry Wt			27.22
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	TCX		Dioxin	MOD 1613B	2.72	pg/g - Dry Wt	U		2.72
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	3939.07	pg/g - Dry Wt			108.86
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	25.786	pg/g - Dry Wt			2.72
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	478.536	pg/g - Dry Wt			2.72
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	142.737	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	34.075	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	331.336	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	380.852	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	766.542	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	3560.557	pg/g - Dry Wt			13.61
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	30	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	37	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	66	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	63	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	77	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	81	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	11	%RECOVERY	#&		
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	35	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	28	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3194	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	478.54	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	10.23			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	21.53			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	74.61			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	54.44			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	1567.27			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	11092.28			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	5.37	J$		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	4.75	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	5.78	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	22.2			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	20.08			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	1.87	UJ		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	14.62			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	313.37			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	17.86			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	568.45			T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY		R		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	3939.06	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	25.79	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	478.54	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	142.74	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	34.08	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	331.34	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	380.85	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	766.54	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY	3560.58	J		T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	47	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	45	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	60	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	58	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	67	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	75	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/16/01	08/30/01	09/13/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	29	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	2.77	pg/g - Dry Wt			2.08
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	2.15	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	2.52	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	10.10	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	8.23	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	207.90	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	1601.28	pg/g - Dry Wt			20.77
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	6.76	pg/g - Dry Wt	#		2.08
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	2.73	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	3.93	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	10.18	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	8.15	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.55	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	4.80	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	82.58	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	4.43	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	133.39	pg/g - Dry Wt			20.77
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	TCX		Dioxin	MOD 1613B	2.08	pg/g - Dry Wt	U		2.08
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	154.29	pg/g - Dry Wt			83.07
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	39.80	pg/g - Dry Wt			2.08
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	8.81	pg/g - Dry Wt			2.08
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	85.35	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	7.65	pg/g - Dry Wt	J		10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	109.04	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	72.78	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	170.21	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	401.24	pg/g - Dry Wt			10.38
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	67	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	77	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	80	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	87	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	97	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	94	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	44	%RECOVERY	#		
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	76	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	71	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	77	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	78	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	85	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	81	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	92	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	91	%RECOVERY			
GMP-SD-5002-0000-01	48401-77-02	BCO	NORMAL	07/11/01	07/23/01	07/27/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	54	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	0.76	pg/g - Dry Wt			0.71
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	0.69	pg/g - Dry Wt	J		3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	1.76	pg/g - Dry Wt	J		3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	7.71	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	6.82	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	106.63	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	584.43	pg/g - Dry Wt			7.14
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	4.24	pg/g - Dry Wt	#		0.71

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.500	63.22	Lab Extraction ID = 49038-01-17	1.8372	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	2.77	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	2.15	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	2.52	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	10.1	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	8.23	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	207.9	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	1601.28	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	6.76	J$		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	2.73	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	3.93	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	10.18	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	8.15	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	0.47	UJ		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	4.8	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	82.58	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	4.43	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	133.39	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY		R		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	154.29	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	39.8	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	8.81	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	85.35	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	7.65	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	109.04	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	72.78	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	170.21	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY	401.24	J		T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
GMP-SD-5002-0000-01	48401-77-02		1.000	75.83	Lab Extraction ID = 48985-01-02	2.4075	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	0.76	U		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	0.69	U		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	1.76	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	7.71			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	6.82			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	106.63			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	584.43			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	4.24	$		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	1.12	pg/g - Dry Wt	J		3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	2.39	pg/g - Dry Wt	J		3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	7.42	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	5.71	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	3.57	pg/g - Dry Wt	U		3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	4.91	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	226.68	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	3.24	pg/g - Dry Wt	J		3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	102.59	pg/g - Dry Wt			7.14
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	TCX		Dioxin	MOD 1613B	0.71	pg/g - Dry Wt	U		0.71
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	26.89	pg/g - Dry Wt			28.56
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	23.97	pg/g - Dry Wt			0.71
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	2.72	pg/g - Dry Wt			0.71
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	67.37	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	5.96	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	148.92	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	62.52	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	381.44	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	205.87	pg/g - Dry Wt			3.57
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	63	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	77	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	84	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	83	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	102	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	88	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	33	%RECOVERY	#		
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	74	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	64	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	74	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	74	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	91	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	80	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	95	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	97	%RECOVERY			
RWR-SD-5004-0000-01	48401-77-05	BCO	NORMAL	07/12/01	07/23/01	07/27/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	47	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	1.04	pg/g - Dry Wt	J		1.21
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	6.07	pg/g - Dry Wt	U		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	0.90	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	2.07	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	3.23	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	44.64	pg/g - Dry Wt			6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	237.18	pg/g - Dry Wt			12.14
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	2.49	pg/g - Dry Wt	#		1.21
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	6.07	pg/g - Dry Wt	U		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	1.00	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	2.36	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	0.90	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	6.07	pg/g - Dry Wt	U		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	1.14	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	8.02	pg/g - Dry Wt			6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	0.49	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	10.69	pg/g - Dry Wt			12.14
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	1.21	pg/g - Dry Wt	U		1.21
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	17.22	pg/g - Dry Wt			48.56
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	14.26	pg/g - Dry Wt			1.21
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	1.29	pg/g - Dry Wt			1.21
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	14.92	pg/g - Dry Wt			6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	2.43	pg/g - Dry Wt	J		6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	13.68	pg/g - Dry Wt			6.07

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	1.12	U		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	2.39	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	7.42			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	5.71			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	6.4	UJ		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	4.91			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	226.68			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	3.24	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	102.59			T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY		R		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	26.89	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	23.97	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	2.72	UJ		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	67.37	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	5.96	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	148.92	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	62.52	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	381.44	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY	205.87	J		T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RWR-SD-5004-0000-01	48401-77-05		1.000	30.50	Lab Extraction ID = 48985-01-04	7.0039	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	1.04	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	0.25	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	0.9	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	2.07	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	3.23	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	44.64	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	237.18	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	2.49	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	0.23	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	1	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	2.36	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	0.9	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	0.65	UJ		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	1.14	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	8.02			T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	0.49	U		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	10.69			T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY		R		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	17.22	J		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	14.26	J		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	1.29	UJ		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	14.92	UJ		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	2.43	J		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	13.68	UJ		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	24.16	pg/g - Dry Wt			6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	15.82	pg/g - Dry Wt			6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	83.16	pg/g - Dry Wt			6.07
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	84	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	95	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	86	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	93	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	105	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	89	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	63	%RECOVERY	#		
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	89	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	85	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	78	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	81	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	92	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	84	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	94	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	95	%RECOVERY			
RAB-SD-5004-0000-01	48401-77-06	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	61	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	327.90	pg/g - Dry Wt			0.99
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	0.93	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	1.67	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	5.97	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	5.40	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	110.89	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	703.87	pg/g - Dry Wt			9.86
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	7.12	pg/g - Dry Wt	#		0.99
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	0.99	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	2.48	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	5.75	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	5.14	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.29	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	3.51	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	67.82	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	2.76	pg/g - Dry Wt	J		4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	74.21	pg/g - Dry Wt			9.86
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	0.99	pg/g - Dry Wt	U		0.99
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	13142.44	pg/g - Dry Wt			39.45
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	18.59	pg/g - Dry Wt			0.99
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	327.90	pg/g - Dry Wt			0.99
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	95.87	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	6.69	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	99.50	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	43.75	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	129.76	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	200.89	pg/g - Dry Wt			4.93
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	60	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	75	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	74	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	86	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	98	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	89	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	35	%RECOVERY	#		
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	70	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	64	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	72	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	73	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	81	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	76	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	24.16	UJ		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	15.82	UJ		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY	83.16	UJ		T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
RAB-SD-5004-0000-01	48401-77-06		1.000	58.85	Lab Extraction ID = 48985-01-05	4.1186	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	327.9			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	0.93	U		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	1.67	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	5.97			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	5.4			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	110.89			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	703.87			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	7.12	$		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	0.99	U		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	2.48	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	5.75			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	5.14			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	0.29	UJ		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	3.51	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	67.82			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	2.76	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	74.21			T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY		R		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	13142.44	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	18.59	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	327.9	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	95.87	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	6.69	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	99.5	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	43.75	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	129.76	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY	200.89	J		T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	88	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	94	%RECOVERY			
CMS-SD-4003-0000-01	48401-77-07	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	47	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	3199.28	pg/g - Dry Wt			1.15
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	4.46	pg/g - Dry Wt	J		5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	5.67	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	24.98	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	23.15	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	583.77	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	5185.87	pg/g - Dry Wt			11.47
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	19.85	pg/g - Dry Wt	#		1.15
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	2.34	pg/g - Dry Wt	J		5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	3.89	pg/g - Dry Wt	J		5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	12.03	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	10.62	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.45	pg/g - Dry Wt	J		5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	6.78	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	194.08	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	7.77	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	405.83	pg/g - Dry Wt			11.47
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	1.15	pg/g - Dry Wt	U		1.15
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	135608.80	pg/g - Dry Wt			45.88
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	63.62	pg/g - Dry Wt			1.15
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	3199.28	pg/g - Dry Wt			1.15
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	144.66	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	8.79	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	189.17	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	161.01	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	481.52	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	1646.25	pg/g - Dry Wt			5.74
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	46	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	72	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	78	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	80	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	111	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	97	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	24	%RECOVERY	#&		
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	69	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	64	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	75	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	69	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	93	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	80	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	96	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	99	%RECOVERY			
CMS-SD-4006-0000-01	48401-77-08	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	52	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	381.41	pg/g - Dry Wt			1.16
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	1.66	pg/g - Dry Wt	J		5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	5.63	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	14.31	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	24.03	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	246.14	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	1196.64	pg/g - Dry Wt			11.63
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	12.20	pg/g - Dry Wt	#		1.16
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	2.61	pg/g - Dry Wt	J		5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	6.49	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	13.66	pg/g - Dry Wt			5.81

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4003-0000-01	48401-77-07		1.000	49.60	Lab Extraction ID = 48985-01-06	5.0697	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	3199.28			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	4.46	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	5.67			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	24.98			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	23.15			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	583.77			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	5185.87			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	19.85	J$		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	2.34	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	3.89	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	12.03			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	10.62			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	0.45	UJ		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	6.78			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	194.08			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	7.77			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	405.83			T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY		R		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	135608.8	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	63.62	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	3199.28	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	144.66	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	8.79	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	189.17	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	161.01	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	481.52	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY	1646.25	J		T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4006-0000-01	48401-77-08		1.000	56.76	Lab Extraction ID = 48985-01-07	4.3588	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	381.41			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	1.66	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	5.63			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	14.31			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	24.03			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	246.14			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	1196.64			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	12.2	J$		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	2.61	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	6.49			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	13.66			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	11.60	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.43	pg/g - Dry Wt	J		5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	9.95	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	117.88	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	4.95	pg/g - Dry Wt	J		5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	161.06	pg/g - Dry Wt			11.63
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	1.16	pg/g - Dry Wt	U		1.16
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	10805.43	pg/g - Dry Wt			46.52
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	111.04	pg/g - Dry Wt			1.16
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	381.41	pg/g - Dry Wt			1.16
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	270.32	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	18.45	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	229.62	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	161.50	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	255.24	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	500.89	pg/g - Dry Wt			5.81
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	39	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	60	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	67	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	74	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	92	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	91	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	19	%RECOVERY	#&		
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	54	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	47	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	62	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	63	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	79	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	67	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	86	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	87	%RECOVERY			
CMS-SD-4007-0000-01	48401-77-09	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	30	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	4556.77	pg/g - Dry Wt			3.21
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	6.44	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	7.91	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	28.89	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	26.82	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	626.72	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	4284.96	pg/g - Dry Wt			32.07
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	17.91	pg/g - Dry Wt	#		3.21
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	3.70	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	8.24	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	20.85	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	18.11	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	16.03	pg/g - Dry Wt	U		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	12.44	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	225.62	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	10.54	pg/g - Dry Wt	J		16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	285.36	pg/g - Dry Wt			32.07
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	3.21	pg/g - Dry Wt	U		3.21
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	71043.39	pg/g - Dry Wt			128.26
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	131.79	pg/g - Dry Wt			3.21
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	4556.77	pg/g - Dry Wt			3.21
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	312.68	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	27.02	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	329.85	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	194.40	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	470.65	pg/g - Dry Wt			16.03

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	11.6			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	0.43	UJ		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	9.95			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	117.88			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	4.95	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	161.06			T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY		R		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	10805.43	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	111.04	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	381.41	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	270.32	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	18.45	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	229.62	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	161.5	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	255.24	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY	500.89	J		T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
CMS-SD-4007-0000-01	48401-77-09		1.000	57.17	Lab Extraction ID = 48985-01-08	4.2996	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	4556.77			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	6.44	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	7.91	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	28.89			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	26.82			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	626.72			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	4284.96			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	17.91	$		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	3.7	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	8.24	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	20.85	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	18.11	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	9.04	UJ		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	12.44	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	225.62			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	10.54	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	285.36			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY		R		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	71043.39	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	131.79	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	4556.77	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	312.68	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	27.02	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	329.85	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	194.4	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	470.65	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	1134.66	pg/g - Dry Wt			16.03
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	69	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	90	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	79	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	86	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	106	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	89	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	42	%RECOVERY	#		
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	86	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	80	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	74	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	76	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	90	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	78	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	93	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	98	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	74	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	216.21	pg/g - Dry Wt			1.37
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	10.35	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	13.82	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	68.23	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	50.82	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	1493.33	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	10752.11	pg/g - Dry Wt			13.73
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	6.26	pg/g - Dry Wt	#		1.37
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	4.16	pg/g - Dry Wt	J		6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	6.87	pg/g - Dry Wt	U		6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	19.53	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	19.11	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	6.87	pg/g - Dry Wt	U		6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	13.72	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	333.84	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	17.52	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	894.34	pg/g - Dry Wt			13.73
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	TCX		Dioxin	MOD 1613B	1.37	pg/g - Dry Wt	U		1.37
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	3743.63	pg/g - Dry Wt			54.92
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	10.49	pg/g - Dry Wt			1.37
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	216.21	pg/g - Dry Wt			1.37
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	144.77	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	12.39	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	333.46	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	423.84	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	711.31	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	3344.63	pg/g - Dry Wt			6.87
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	43	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	46	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	73	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	74	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	102	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	160	%RECOVERY	&		
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	8	%RECOVERY	#&		
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	48	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	37	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	64	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	59	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	75	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	69	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	95	%RECOVERY			
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	109	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY	1134.66	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5054	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	216.21	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	10.35			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	13.82			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	68.23			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	50.82			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	1493.33			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	10752.11	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	6.26	J$		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	4.16	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	4.91	U		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	19.53			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	19.11			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	4.23	U		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	13.72			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	333.84			T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	17.52	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	894.34	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY		R		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	3743.63	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	10.49	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	216.21	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	144.77	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	12.39	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	333.46	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	423.84	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	711.31	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY	3344.63	J		T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4002-0000-01	48401-77-11	BCO	NORMAL	07/12/01	07/23/01	08/17/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	32	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	2072.67	pg/g - Dry Wt			3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	3.97	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	5.99	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	18.93	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	18.05	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	407.40	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	2682.29	pg/g - Dry Wt			37.95
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	3.79	pg/g - Dry Wt	U#		3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	3.89	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	5.31	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	12.06	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	9.58	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.42	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	6.53	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	122.52	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	6.49	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	202.75	pg/g - Dry Wt			37.95
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	3.79	pg/g - Dry Wt	U		3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	117649.10	pg/g - Dry Wt			151.79
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	95.69	pg/g - Dry Wt			3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	2072.67	pg/g - Dry Wt			3.79
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	178.36	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	18.74	pg/g - Dry Wt	J		18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	178.47	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	122.71	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	257.75	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	739.69	pg/g - Dry Wt			18.97
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	73	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	84	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	90	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	89	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	119	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	109	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	49	%RECOVERY	#		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	80	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	71	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	85	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	82	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	107	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	89	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	106	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	117	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	65	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	751.75	pg/g - Dry Wt			1.03
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	2.03	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	3.00	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	9.28	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	8.31	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	192.58	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	1347.90	pg/g - Dry Wt			10.28
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	5.20	pg/g - Dry Wt	#		1.03
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	1.88	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	2.85	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	6.28	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	4.69	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	0.17	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	3.56	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	70.64	pg/g - Dry Wt			5.14

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4002-0000-01	48401-77-11		1.000	63.65	Lab Extraction ID = 48985-01-10	3.6415	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	2072.67	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	3.97	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	5.99	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	18.93	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	18.05	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	407.4	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	2682.29	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	12.98	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	3.89	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	5.31	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	12.06	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	9.58	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	0.42	UJ		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	6.53	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	122.52	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	6.49	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	202.75	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	117649.1	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	95.69	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	2072.67	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	178.36	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	18.74	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	178.47	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	122.71	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	257.75	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY	739.69	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3176	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	751.75			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	2.03	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	3	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	9.28			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	8.31			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	192.58			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	1347.9			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	5.2	$		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	1.88	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	2.85	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	6.28			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	4.69	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	0.17	U		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	3.56	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	70.64			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	3.35	pg/g - Dry Wt	J		5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	129.58	pg/g - Dry Wt			10.28
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	1.03	pg/g - Dry Wt	U		1.03
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	21822.87	pg/g - Dry Wt			41.12
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	34.22	pg/g - Dry Wt			1.03
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	751.75	pg/g - Dry Wt			1.03
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	51.85	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	10.73	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	86.44	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	63.03	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	152.68	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	345.17	pg/g - Dry Wt			5.14
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	61	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	83	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	86	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	83	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	107	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	96	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	30	%RECOVERY	#		
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	79	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	73	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	81	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	77	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	91	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	84	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	95	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	93	%RECOVERY			
WRL-SD-4005-0000-01	48401-77-13	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	51	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDD	1746-01-6	Dioxin	MOD 1613B	1.02	pg/g - Dry Wt	J		1.42
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDD	40321-76-4	Dioxin	MOD 1613B	1.05	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDD	39227-28-6	Dioxin	MOD 1613B	1.43	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDD	57653-85-7	Dioxin	MOD 1613B	5.14	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDD	19408-74-3	Dioxin	MOD 1613B	3.57	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDD	35822-46-9	Dioxin	MOD 1613B	67.26	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDD	3268-87-9	Dioxin	MOD 1613B	469.38	pg/g - Dry Wt			14.22
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,7,8-TCDF	51207-31-9	Dioxin	MOD 1613B	4.18	pg/g - Dry Wt	#		1.42
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8-PeCDF	57117-41-6	Dioxin	MOD 1613B	7.11	pg/g - Dry Wt	U		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,7,8-PeCDF	57117-31-4	Dioxin	MOD 1613B	5.11	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8-HxCDF	70648-26-9	Dioxin	MOD 1613B	4.39	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,6,7,8-HxCDF	57117-44-9	Dioxin	MOD 1613B	2.56	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,7,8,9-HxCDF	72918-21-9	Dioxin	MOD 1613B	7.11	pg/g - Dry Wt	U		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	2,3,4,6,7,8-HxCDF	60851-34-5	Dioxin	MOD 1613B	1.74	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,6,7,8-HpCDF	67562-39-4	Dioxin	MOD 1613B	26.07	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	1,2,3,4,7,8,9-HpCDF	55673-89-7	Dioxin	MOD 1613B	1.35	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	OCDF	39001-02-0	Dioxin	MOD 1613B	44.94	pg/g - Dry Wt			14.22
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	TCX		Dioxin	MOD 1613B	1.42	pg/g - Dry Wt	U		1.42
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	HCX	38178-99-3	Dioxin	MOD 1613B	22.78	pg/g - Dry Wt	J		56.87
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Furans	51207-31-9	Dioxin	MOD 1613B	3.63	pg/g - Dry Wt			1.42
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Tetra-Dioxins	41903-57-5	Dioxin	MOD 1613B	1.02	pg/g - Dry Wt	J		1.42
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Furans	30402-15-4	Dioxin	MOD 1613B	48.11	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Penta-Dioxins	36088-22-9	Dioxin	MOD 1613B	1.05	pg/g - Dry Wt	J		7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Furans	55684-94-1	Dioxin	MOD 1613B	37.90	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hexa-Dioxins	34465-46-8	Dioxin	MOD 1613B	37.03	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Furans	38998-75-3	Dioxin	MOD 1613B	53.35	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	Total Hepta-Dioxins	37871-00-4	Dioxin	MOD 1613B	140.94	pg/g - Dry Wt			7.11
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDD	76523-40-5	Dioxin	MOD 1613B	72	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDD	109719-79-1	Dioxin	MOD 1613B	71	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDD	109719-80-4	Dioxin	MOD 1613B	81	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	3.35	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	129.58			T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY		R		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	21822.87	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	34.22	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	751.75	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	51.85	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	10.73	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	86.44	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	63.03	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	152.68	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY	345.17	J		T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
WRL-SD-4005-0000-01	48401-77-13		1.000	51.63	Lab Extraction ID = 48985-01-12	4.8634	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.02	U		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.05	U		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.43	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	5.14	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	3.57	U		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	67.26	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	469.38	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	4.18	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	2.01	U		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	5.11	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	4.39	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	2.56	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.56	U		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.74	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	26.07			T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.35	U		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	44.94			T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY		R		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	22.78	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	3.63	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.02	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	48.11	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	1.05	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	37.9	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	37.03	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	53.35	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY	140.94	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDD	109719-81-5	Dioxin	MOD 1613B	79	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDD	109719-83-7	Dioxin	MOD 1613B	97	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-OCDD	114423-97-1	Dioxin	MOD 1613B	77	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,7,8-TCDF	89059-46-1	Dioxin	MOD 1613B	43	%RECOVERY	#		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8-PeCDF	109719-77-9	Dioxin	MOD 1613B	69	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,7,8-PeCDF	116843-02-8	Dioxin	MOD 1613B	33	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8-HxCDF	114423-98-2	Dioxin	MOD 1613B	77	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,6,7,8-HxCDF	116843-03-9	Dioxin	MOD 1613B	73	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,7,8,9-HxCDF	116843-04-0	Dioxin	MOD 1613B	84	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-2,3,4,6,7,8-HxCDF	116843-05-1	Dioxin	MOD 1613B	78	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,6,7,8-HpCDF	116843-09-5	Dioxin	MOD 1613B	87	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	13C-1,2,3,4,7,8,9-HpCDF	109719-94-0	Dioxin	MOD 1613B	92	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/12/01	07/23/01	07/28/01		48985-01	37Cl-2,3,7,8-TCDD	85508-50-5	Dioxin	MOD 1613B	85	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5169	G_DRY				T

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Section 2
PCB Congener Results

QA/QC Narrative
Sediment and QC Results

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QA/QC Narrative

HRMS PCB CONGENER SEDIMENT QA/QC SUMMARY
QC Batch 48985-01

PROJECT: USACE NAE Delivery Order #01 Centredale
PARAMETER: PCB Congeners by High Resolution Mass Spectrometry (HRMS)
LABORATORY: Battelle, Columbus, OH
MATRIX: Sediment
SAMPLE CUSTODY: Sediment samples arrived at Battelle Columbus on July 14 and 21, 2001. All samples were received in good condition, and the cooler temperatures upon receipt ranged from 1.6 (7/14) to 13.8 °C (7/21). Note that the sample container for the field sediment duplicate sample, received on July 21, 2001, was received out of temperature spec (13.8 °C).

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved Detection Limit (pg/g Dry)	Project Goals (pg/g Dry)
PCB	L-32 Battelle SOP ASAT.II-009	<5× EML, or associated samples > 10× blank values	25-150% Recovery	*LCS*: Method 1668A, Table 6 OPR[a] *MS:* 50-150% Recovery [b]	≤30% PD[c]	≤30% RPD[b, d]	5 – 382 for all PCBs and 76 – 382 for 12 WHO PCBs	Available for selected PCBs only (see QAPP, Worksheet #9b): 0.00218 – 893

[a] Method 1668A, Table 6 OPR requirements documented on LCS summary report table.
[b] Analyte concentration in MS/MSD must be >5× background; for 90% of the analytes.
[c] Certified values must be >3× the EML.
[d] *Sample replicate precision:* concentrations in sample replicate must be >3× the EML; for 90% of the analytes.

METHOD: Twenty percent of the sediment samples received for dioxin/furan, HCX, and TCX analysis were also analyzed by HRMS for an extended list of over 100 PCB congeners. This represented three study samples plus 1 field sample duplicate. Of the three study samples analyzed, one was collected from Woonasquatucket River (Upstream Reach) and two were collected from Lymansville Pond. Samples were analyzed for PCBs following methods described in Battelle's Quality Assurance Project Plan (Battelle, 2001). Briefly,

Sample Preparation: The samples were processed in SDG 48985-01 with the exception of the field duplicate which was extracted with SDG 48985-09. Aliquots of each sediment sample were weighed into individual jars and mixed with Hydromatrix drying agent. Approximately 10 g wet weight of each sediment sample was used. The four field samples and all of six QC samples were prepared for PCDD/PCDF, TCX, and HCX analysis in addition to PCBs. The sediment/Hydromatrix mixtures were placed into Accelerated Solvent Extraction (ASE) cells and spiked with $^{13}C_{12}$-labeled PCB internal standard solutions. Matrix spike, matrix spike duplicate, and the laboratory control spike (LCS) samples were spiked with native PCBs at this time. The samples were ASE extracted using toluene. Each extract was then spiked with $^{13}C_{12}$-PCB 23, $^{13}C_{12}$-PCB 111, and $^{13}C_{12}$-PCB 178 cleanup standards for monitoring recovery of

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METHOD (cont):

analytes through the cleanup procedures. Each extract was acid/base washed. After the acid/base wash step, the 10 extracts to be used for both PCB and PCDD/PCDF/TCX/HCX were split in half. Half of each extract was submitted for PCB cleanup which consisted of acid/base silica, alumina, and a final light acid/base silica cleanup column. The sediment extracts were spiked with $^{13}C_{12}$-labeled PCB recovery standards and concentrated to a final sample volume of 50 µL.

PCB 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. An SPB-Octyl column was used for determination of individual PCB congeners.

The following revisions to Method 1668A 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 standard reference material (SRM), one matrix spike, one matrix spike duplicate, and one sample prepared in duplicate. The SRM originally prepared with this batch (Cambridge Isotope Laboratories EDF-2513 PolyCDD/PolyCDF Fortified Soil) had been thought to contain certified values of both dioxins/furans and PCBs; however, it was subsequently determined that the soil SRM did not contain certified levels of PCBs. Because of this, results for an SRM (NIST 1944 New York/New Jersey Waterway Sediment) with certified levels of PCBs which was processed using the same instrument and calibration curve as this set of sediment samples has been reported with this sample batch. Details regarding the SRM are discussed below.

2. The GC/HRMS instrumentation was calibrated for PCBs at levels specified in Method 1668A. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 2.5 g of sediment and a final sample volume of 50 µL: 4.00 to 40,000 pg/g dry.

Any additional minor revisions to Method 1668A are fully documented in the analytical record.

Calibrations – All of the 12-hour continuing calibrations met the criteria found in Table 6 of Method 1668A for all analytes except for $^{13}C_{12}$-PCB 188 on the July 31, 2001 analysis day. For this analysis day, the average daily response factor for $^{13}C_{12}$-PCB 188 was used to calculate concentrations of this internal standard.

HOLDING TIMES:

Samples were prepared for analysis in one analytical batch. Samples were extracted and analyzed within holding times specified by the method.

Batch	Extraction Date	Analysis Date
48985-01	7/23/01*	7/31, 8/1, and 8/3, 2001

*Sample LPX-SD-071601-A was extracted on 7/24/01

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HRMS PCB CONGENER SEDIMENT QA/QC SUMMARY
QC Batch 48985-01

DETECTION LIMITS: PCB congener results are reported relative to the Estimated Minimum Levels from EPA Method 1668 (Table 2), which were converted to a dry weight basis as follows:

EML = (EML from 1668 Table 2, ng/kg) × (Sample wet weight/sample dry weight)

Project detection limit goals were only provided for the 12 WHO PCBs. Achieved EMLs did not meet project detection limit goals for the 12 WHO PCBs. As noted in the QAPP, the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods. If detection limits cannot be achieved, this will be addressed in the uncertainty discussions in the risk assessment.

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

48985-01 – Several analytes were detected at a trace level; however, the levels detected were below the reporting limit.

LABORATORY CONTROL SAMPLE: A laboratory control sample (LCS) was prepared with the analytical batch. The percent recoveries of target compounds were calculated to measure data quality in terms of accuracy.

48985-01 – The LCS sample met the criteria found in Table 6 of Method 1668A for PCBs with recoveries ranging from 82 to 116%.

MATRIX SPIKES: One matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with the batch to measure data quality in terms of accuracy and precision. The MS and MSD were fortified with target compounds to monitor data quality in terms of accuracy and precision.

48985-01 – Recoveries were within the limits of 50-150% for all analytes spiked >5× background. The RPD between the matrix spike duplicates for PCBs was <30% for analytes which were spiked >5× background.

INTERNAL STANDARDS: Twenty-seven internal standard compounds were added to each sample prior to processing. Internal standard recoveries were calculated to measure data quality in terms of accuracy (sample processing efficiency).

48985-01 – Recoveries of most of the internal standards were within 25-150% for all samples. Several recoveries were outside the limits listed above. Recoveries outside the 25-150% limits are flagged on the report forms.

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HRMS PCB CONGENER SEDIMENT QA/QC SUMMARY
QC Batch 48985-01

REPLICATES: A laboratory duplicate was prepared with the batch. The RPD between laboratory replicate analyses for target compounds was calculated to measure data quality in terms of precision.

48985-01 – The RPD for analytes detected above the action level of >3× EML was <30% for roughly 60% of the analytes.

SRM: A standard reference material (SRM: Cambridge Isotopes EDF-2513) was prepared with the analytical batch; however the SRM was appropriate to dioxin/furan analysis and did not have certified concentrations for PCB congeners. SRM results reported with this sample set are for a NIST 1944 sediment SRM which was processed in a similar timeframe as the Centredale sediment samples. A few procedures for the NIST SRM differed from those used for the remaining samples, namely, the NIST 1944 SRM was Soxhlet-extracted while the Centredale sediments were extracted on an Accelerated Solvent Extraction system (ASE). The cleanup steps were also slightly different between the NIST 1944 SRM and the Centredale sediments in that the NIST 1944 material went through a carbon column as the final cleanup step, whereas the Centredale sediments went through a light acid/base silica cleanup column instead of carbon. Otherwise, both the NIST 1944 SRM and the Centredale sediments were analyzed on the same instrument under the same 209 PCB calibration point. The percent difference (PD) between detected concentrations and certified values was calculated to measure data quality in terms of accuracy.

48985-01 – 3 PCBs out of 29 in the SRM were found to be above the limit of 30% difference from certified values.

REFERENCES: Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support*. Tasks 19-22 QAPP prepared under contract to USACE NAE. Delivery Order #59. May 23, 2001. 509pp + apps. .

QUALITY ASSURANCE STATEMENT

Project Title: USACE/NED, Centredale Manor Task 22 Sediment Samples, Batch 1 of 1

Project Number: G487002-22B2

Description of Data: Sediment samples for PCB analysis

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 ±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 Specialist
Atmospheric Science and Applied Technology
Battelle

11-8-01
Date

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	13.85	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	13.89	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	15.58	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	10.96	pg/g - Dry Wt	U		10.96
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	10.96	pg/g - Dry Wt	U		10.96
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	10.96	pg/g - Dry Wt	U		10.96
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	56.84	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	10.96	pg/g - Dry Wt	U		10.96
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	10.96	pg/g - Dry Wt	U		10.96
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	21.91	pg/g - Dry Wt	UC		21.91
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		pg/g - Dry Wt	C12		21.91
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	14.54	pg/g - Dry Wt	J		21.91
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	12.98	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	20.32	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		pg/g - Dry Wt	C18		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	2.25	pg/g - Dry Wt	J		21.91
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	60.16	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		pg/g - Dry Wt	C20		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		pg/g - Dry Wt	C20		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		pg/g - Dry Wt	C20		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	18.52	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	2.52	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		pg/g - Dry Wt	C24		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	2.58	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	6.26	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		pg/g - Dry Wt	C26		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	49.40	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	7.84	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	21.06	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		pg/g - Dry Wt	C40		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		pg/g - Dry Wt	C40		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	8.90	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	75.81	pg/g - Dry Wt	C		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		pg/g - Dry Wt	C43		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		pg/g - Dry Wt	C43		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	44.46	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		pg/g - Dry Wt	C44		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		pg/g - Dry Wt	C44		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	5.00	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		pg/g - Dry Wt	C45		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	1.61	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	5.26	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	19.68	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		pg/g - Dry Wt	C49		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	3.94	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		pg/g - Dry Wt	C50		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	17.26	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	2.52	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		pg/g - Dry Wt	C59		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		pg/g - Dry Wt	C59		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	7.99	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	16.76	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	33.32	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	76.44	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		pg/g - Dry Wt	C61		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	3.19	pg/g - Dry Wt	J		109.56

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	2.2842	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	15.07	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	41.22	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		pg/g - Dry Wt	C83		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	33.70	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	13.89	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		pg/g - Dry Wt	C85		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		pg/g - Dry Wt	C85		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	74.58	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		pg/g - Dry Wt	C86		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		pg/g - Dry Wt	C86		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		pg/g - Dry Wt	C86		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	89.43	pg/g - Dry Wt	JC		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		pg/g - Dry Wt	C90		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		pg/g - Dry Wt	C90		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	11.80	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		pg/g - Dry Wt	C88		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	15.17	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	83.65	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		pg/g - Dry Wt	C93		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		pg/g - Dry Wt	C93		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		pg/g - Dry Wt	C93		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		pg/g - Dry Wt	C93		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	30.08	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	2.28	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		pg/g - Dry Wt	C108		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	113.36	pg/g - Dry Wt	JC		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A		pg/g - Dry Wt	C110		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	76.43	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	5.91	pg/g - Dry Wt	JC		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		pg/g - Dry Wt	C106		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		pg/g - Dry Wt	C106		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	12.12	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		pg/g - Dry Wt	C128		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	66.20	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		pg/g - Dry Wt	C129		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		pg/g - Dry Wt	C129		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		pg/g - Dry Wt	C129		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	4.69	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	32.43	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	6.02	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		pg/g - Dry Wt	C134		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	25.65	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		pg/g - Dry Wt	C135		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		pg/g - Dry Wt	C135		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	15.95	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	7.72	pg/g - Dry Wt	JC		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		pg/g - Dry Wt	C137		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	9.49	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	5.40	pg/g - Dry Wt	JC		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		pg/g - Dry Wt	C146		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	62.94	pg/g - Dry Wt	JC		109.56

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	2.2842	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		pg/g - Dry Wt	C147		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	36.22	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		pg/g - Dry Wt	C153		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	6.08	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		pg/g - Dry Wt	C156		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	6.18	pg/g - Dry Wt	J		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	2.00	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	109.56	pg/g - Dry Wt	U		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	6.26	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	3.02	pg/g - Dry Wt	JC		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		pg/g - Dry Wt	C171		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	10.76	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	0.50	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	2.10	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	4.79	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	1.71	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	9.56	pg/g - Dry Wt	JC		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		pg/g - Dry Wt	C180		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	4.95	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	1.09	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	9.26	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	0.33	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	0.91	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	2.69	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	1.39	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	1.68	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	3.88	pg/g - Dry Wt	JC		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		pg/g - Dry Wt	C198		43.82
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	2.05	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	4.06	pg/g - Dry Wt	J		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	219.12	pg/g - Dry Wt	U		219.12
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	3.78	pg/g - Dry Wt	J		109.56
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	1621.16	pg/g - Dry Wt			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	48	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	51	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	72	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	62	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	68	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	84	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	112	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	75	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	83	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	93	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	67	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	83	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	83	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	68	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	95	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	89	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	93	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	76	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	2.2842	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	74	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	89	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	89	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	87	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	54	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	75	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	66	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	57	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	33	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	73	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	60	%RECOVERY			
	48401-44-03	BCO	M_BLANK		07/23/01	07/31/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	80	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	108	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	99	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	82	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	90	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-19	2.2842	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	103	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	108	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	98	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	97	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	116	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	88	%RECOVERY	C		
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		%RECOVERY	C106		
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		%RECOVERY	C106		
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	82	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	NA	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	92	%RECOVERY	C		
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		%RECOVERY	C156		
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	91	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	84	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	95	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	92	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	88	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A		%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	92	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	NA	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	46	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	53	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	76	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	65	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	79	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	92	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	119	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	85	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	130	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	84	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	72	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	89	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	93	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	87	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	92	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	104	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	95	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	91	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	97	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	97	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	98	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	82	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	95	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	81	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	86	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	60	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	81	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	81	%RECOVERY			
	48401-44-03	BCO	LCS		07/23/01	07/31/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	96	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	109	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	112	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	76	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	73	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
	48401-44-03		1.000		Lab Extraction ID = 48985-01-18	5.0353	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	103	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	218	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	102	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	489	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	70	%RECOVERY	C		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		%RECOVERY	C106		

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		%RECOVERY	C106		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	132	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	114	%RECOVERY	C		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		%RECOVERY	C156		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	124	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	85	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	101	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	86	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	45	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	32	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	33	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	35	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	54	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	59	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	52	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	79	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	58	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	62	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	11	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	44	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	66	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	31	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	32	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	11	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	29	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	69	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	51	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	20	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	17	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	51	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	51	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	31	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	9	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	22	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	15	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	13	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	4	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	36	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	11	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MS	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	22	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	104	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	100	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	78	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	79	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-15	3.4959	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	94	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	109	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	0	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	87	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	0	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	88	%RECOVERY	C		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		%RECOVERY	C106		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		%RECOVERY	C106		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	77	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	97	%RECOVERY	C		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		%RECOVERY	C156		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	69	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	88	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	96	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	90	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	12	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	29	%RECOVERY	-		
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	NA	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	37	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	43	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	58	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	61	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	71	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	75	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	89	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	86	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	50	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	79	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	80	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	72	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	74	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	48	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	75	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	84	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	82	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	74	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	58	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	82	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	82	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	66	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	47	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	75	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	55	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	54	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	25	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	68	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	45	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-04	BCO	MSD	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	69	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	1.2	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		%DIFFERENCE	C12		

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-04		1.000	30.20	Lab Extraction ID = 48985-01-16	3.5095	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	0.9	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		%DIFFERENCE	C18		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	23.5	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		%DIFFERENCE	C20		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		%DIFFERENCE	C20		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		%DIFFERENCE	C20		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		%DIFFERENCE	C24		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		%DIFFERENCE	C26		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	22.1	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		%DIFFERENCE	C40		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		%DIFFERENCE	C40		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	16.3	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		%DIFFERENCE	C43		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		%DIFFERENCE	C43		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	34.2	%DIFFERENCE	C&		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		%DIFFERENCE	C44		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		%DIFFERENCE	C44		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		%DIFFERENCE	C45		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	1.1	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		%DIFFERENCE	C49		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		%DIFFERENCE	C50		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		%DIFFERENCE	C59		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		%DIFFERENCE	C59		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	8.4	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		%DIFFERENCE	C61		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		%DIFFERENCE	C61		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		%DIFFERENCE	C61		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	9.9	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		%DIFFERENCE	C83		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		%DIFFERENCE	C85		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		%DIFFERENCE	C85		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	32.5	%DIFFERENCE	C&		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		%DIFFERENCE	C86		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		%DIFFERENCE	C86		

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48514-16-16		2.000	0.00	48903-02-12	0.5033	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		%DIFFERENCE	C86		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		%DIFFERENCE	C86		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		%DIFFERENCE	C86		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	24.7	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		%DIFFERENCE	C90		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		%DIFFERENCE	C90		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		%DIFFERENCE	C88		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	40.9	%DIFFERENCE	C&		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		%DIFFERENCE	C93		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		%DIFFERENCE	C93		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		%DIFFERENCE	C93		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		%DIFFERENCE	C93		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	6.6	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		%DIFFERENCE	C108		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	3.0	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A		%DIFFERENCE	C110		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	7.1	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		%DIFFERENCE	C106		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		%DIFFERENCE	C106		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	3.4	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		%DIFFERENCE	C128		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	4.5	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		%DIFFERENCE	C129		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		%DIFFERENCE	C129		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		%DIFFERENCE	C129		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		%DIFFERENCE	C134		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	22.7	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		%DIFFERENCE	C135		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		%DIFFERENCE	C135		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		%DIFFERENCE	C137		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		%DIFFERENCE	C146		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	11.9	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		%DIFFERENCE	C147		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	20.4	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		%DIFFERENCE	C153		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	2.0	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		%DIFFERENCE	C156		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	23.2	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		%DIFFERENCE	C171		

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48514-16-16		2.000	0.00	48903-02-12	0.5033	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	5.8	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		%DIFFERENCE	C180		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	22.1	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	25.8	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	1.9	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	16.4	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	NA	%DIFFERENCE	C		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		%DIFFERENCE	C198		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	7.8	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	9.0	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	59	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	68	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	46	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	74	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	87	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	55	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	92	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	88	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	89	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	99	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	95	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	87	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	84	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	169	%RECOVERY	&		
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	93	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	84	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	66	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	100	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	122	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	118	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	118	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	85	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	84	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	141	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	96	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	71	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	106	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	101	%RECOVERY			
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	97	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48514-16-16		2.000	0.00	48903-02-12	0.5033	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	48514-16-16	BCO	SRM		05/24/01	06/26/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	82	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	908.13	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	1664.58	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	979.43	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	19.09	pg/g - Dry Wt	U		19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	1032.65	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	242.89	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	5769.69	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	357.93	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	57.13	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	1096.62	pg/g - Dry Wt	C		38.18
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		pg/g - Dry Wt	C12		38.18
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	2489.29	pg/g - Dry Wt			38.18
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	2503.98	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	2191.94	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		pg/g - Dry Wt	C18		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	483.92	pg/g - Dry Wt			38.18
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	17854.64	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		pg/g - Dry Wt	C20		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		pg/g - Dry Wt	C20		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		pg/g - Dry Wt	C20		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	3511.49	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	1604.46	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		pg/g - Dry Wt	C24		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	836.46	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	1770.30	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		pg/g - Dry Wt	C26		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	7737.65	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	1468.24	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	9322.38	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		pg/g - Dry Wt	C40		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		pg/g - Dry Wt	C40		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	3341.52	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	21859.08	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		pg/g - Dry Wt	C43		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		pg/g - Dry Wt	C43		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	12597.72	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		pg/g - Dry Wt	C44		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		pg/g - Dry Wt	C44		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	1528.30	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		pg/g - Dry Wt	C45		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	683.87	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	1615.02	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	8563.68	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		pg/g - Dry Wt	C49		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	1998.80	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		pg/g - Dry Wt	C50		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	4278.40	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	1025.58	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		pg/g - Dry Wt	C59		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		pg/g - Dry Wt	C59		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	1156.64	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	372.06	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	3999.81	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	13301.30	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	17191.28	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		pg/g - Dry Wt	C61		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		190.88

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48514-16-16		2.000	0.00	48903-02-12	0.5033	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	1739.56	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	22.08	pg/g - Dry Wt	J		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	4382.58	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	17967.66	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		pg/g - Dry Wt	C83		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	5830.22	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	5649.33	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		pg/g - Dry Wt	C85		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		pg/g - Dry Wt	C85		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	22676.04	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	190.88	pg/g - Dry Wt	U		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	29375.97	pg/g - Dry Wt	C		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		pg/g - Dry Wt	C90		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		pg/g - Dry Wt	C90		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	2586.22	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		pg/g - Dry Wt	C88		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	5222.70	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	16127.25	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	8463.91	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	1210.54	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		pg/g - Dry Wt	C108		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	37341.46	pg/g - Dry Wt	C		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A		pg/g - Dry Wt	C110		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	402.45	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	33346.85	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	3263.65	pg/g - Dry Wt	C		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		pg/g - Dry Wt	C106		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		pg/g - Dry Wt	C106		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	381.75	pg/g - Dry Wt	U		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	6288.36	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		pg/g - Dry Wt	C128		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	33475.88	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		pg/g - Dry Wt	C129		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		pg/g - Dry Wt	C129		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		pg/g - Dry Wt	C129		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-130	52663-68-8	PCB	MOD 1668A	2787.54	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	190.88	pg/g - Dry Wt	U		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	19524.25	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	2191.72	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		pg/g - Dry Wt	C134		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	13634.37	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		pg/g - Dry Wt	C135		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		pg/g - Dry Wt	C135		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	4194.44	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	3994.28	pg/g - Dry Wt	C		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		pg/g - Dry Wt	C137		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	4363.92	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	190.88	pg/g - Dry Wt	U		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	3455.82	pg/g - Dry Wt	C		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		pg/g - Dry Wt	C146		381.75

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	19885.68	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		pg/g - Dry Wt	C147		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	21513.24	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		pg/g - Dry Wt	C153		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	3660.76	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		pg/g - Dry Wt	C156		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	3267.01	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	1390.15	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	190.88	pg/g - Dry Wt	U		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	3467.22	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	1177.30	pg/g - Dry Wt	C		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		pg/g - Dry Wt	C171		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	604.74	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	3414.20	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	148.11	pg/g - Dry Wt	J		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	445.36	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	1767.25	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	720.25	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	5580.24	pg/g - Dry Wt	C		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		pg/g - Dry Wt	C180		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	381.75	pg/g - Dry Wt	U		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	1963.34	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	381.75	pg/g - Dry Wt	U		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	262.32	pg/g - Dry Wt	J		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	3341.49	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	159.57	pg/g - Dry Wt	J		190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	688.52	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	122.23	pg/g - Dry Wt	J		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	1375.01	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	439.35	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	1077.77	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	69.12	pg/g - Dry Wt	J		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	4645.94	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		pg/g - Dry Wt	C198		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	236.66	pg/g - Dry Wt	J		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	428.98	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	2255.79	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	78.67	pg/g - Dry Wt	J		381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	7951.29	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	757.43	pg/g - Dry Wt			381.75
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	9096.00	pg/g - Dry Wt			190.88
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	548906.90	pg/g - Dry Wt			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	40	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	45	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	66	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	69	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	86	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	76	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	103	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	71	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	68	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	80	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	88	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	106	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	112	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	105	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	111	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	107	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	110	%RECOVERY			

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	101	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	85	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	85	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	85	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	85	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	86	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	92	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	80	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	76	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	56	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	77	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	93	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	DUPLICATE	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	93	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	31.50	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	40.19	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	147.90	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	7.16	pg/g - Dry Wt	U		7.16
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	128.49	pg/g - Dry Wt			7.16
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	7.16	pg/g - Dry Wt	U		7.16
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	666.32	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	7.16	pg/g - Dry Wt	U		7.16
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	7.16	pg/g - Dry Wt	U		7.16
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	31.94	pg/g - Dry Wt	C		14.33
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		pg/g - Dry Wt	C12		14.33
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	424.44	pg/g - Dry Wt			14.33
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	427.51	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	411.52	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		pg/g - Dry Wt	C18		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	109.75	pg/g - Dry Wt			14.33
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	2146.40	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		pg/g - Dry Wt	C20		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		pg/g - Dry Wt	C20		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		pg/g - Dry Wt	C20		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	659.20	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	268.28	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		pg/g - Dry Wt	C24		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	98.04	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	231.46	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		pg/g - Dry Wt	C26		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	1053.27	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	192.92	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	1031.70	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		pg/g - Dry Wt	C40		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		pg/g - Dry Wt	C40		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	466.03	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	5110.14	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		pg/g - Dry Wt	C43		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		pg/g - Dry Wt	C43		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	2387.07	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		pg/g - Dry Wt	C44		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		pg/g - Dry Wt	C44		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	113.97	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		pg/g - Dry Wt	C45		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	89.71	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	207.00	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	1328.92	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		pg/g - Dry Wt	C49		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	256.04	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		pg/g - Dry Wt	C50		28.65

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-13	1.3191	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	31.50	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	40.19	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	147.90	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	7.16	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	128.49	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	7.16	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	666.32	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	7.16	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	7.16	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	31.94	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	424.44	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	427.51	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	411.52	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	109.75	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2146.40	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	659.20	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	268.28	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	98.04	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	231.46	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1053.27	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	192.92	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1031.70	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	466.03	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	5110.14	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2387.07	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	113.97	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	89.71	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	207.00	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1328.92	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	256.04	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	744.92	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	108.30	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		pg/g - Dry Wt	C59		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		pg/g - Dry Wt	C59		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	101.32	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	71.63	pg/g - Dry Wt	U		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	769.43	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	2578.02	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	4586.20	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		pg/g - Dry Wt	C61		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	153.17	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	71.63	pg/g - Dry Wt	U		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	2509.62	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	5781.00	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		pg/g - Dry Wt	C83		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	5490.37	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	2839.20	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		pg/g - Dry Wt	C85		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		pg/g - Dry Wt	C85		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	12421.50	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		pg/g - Dry Wt	C86		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		pg/g - Dry Wt	C86		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		pg/g - Dry Wt	C86		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	71.63	pg/g - Dry Wt	U		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	11820.84	pg/g - Dry Wt	C		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		pg/g - Dry Wt	C90		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		pg/g - Dry Wt	C90		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	2379.02	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		pg/g - Dry Wt	C88		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	2296.88	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	14325.95	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		pg/g - Dry Wt	C93		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		pg/g - Dry Wt	C93		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		pg/g - Dry Wt	C93		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		pg/g - Dry Wt	C93		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	4165.01	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	589.38	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		pg/g - Dry Wt	C108		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	25480.30	pg/g - Dry Wt	C		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A		pg/g - Dry Wt	C110		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	192.21	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	13336.34	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	981.05	pg/g - Dry Wt	C		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		pg/g - Dry Wt	C106		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		pg/g - Dry Wt	C106		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	216.85	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	4377.06	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		pg/g - Dry Wt	C128		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	19174.96	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		pg/g - Dry Wt	C129		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		pg/g - Dry Wt	C129		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		pg/g - Dry Wt	C129		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	1377.03	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	319.81	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	8945.30	pg/g - Dry Wt			71.63

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	744.92	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	108.30	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	101.32	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	71.63	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	769.43	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2578.02	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	4586.20	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	153.17	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	71.63	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2509.62	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	5781.00	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	5490.37	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2839.20	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	12421.50	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	71.63	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	11820.84	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2379.02	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2296.88	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	14325.95	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	4165.01	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	589.38	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	25480.30	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	192.21	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	13336.34	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	981.05	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	216.85	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	4377.06	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	19174.96	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1377.03	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	319.81	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	8945.30	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	1288.98	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		pg/g - Dry Wt	C134		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	4327.68	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		pg/g - Dry Wt	C135		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		pg/g - Dry Wt	C135		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	2896.60	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-137	35694-08-5	PCB	MOD 1668A	2416.98	pg/g - Dry Wt	C		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		pg/g - Dry Wt	C137		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	2245.39	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	71.63	pg/g - Dry Wt	U		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	1324.20	pg/g - Dry Wt	C		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		pg/g - Dry Wt	C146		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	12137.72	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		pg/g - Dry Wt	C147		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	5200.60	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		pg/g - Dry Wt	C153		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	1938.46	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		pg/g - Dry Wt	C156		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	1655.12	pg/g - Dry Wt			28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	782.17	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	71.63	pg/g - Dry Wt	U		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	3175.31	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	983.36	pg/g - Dry Wt	C		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		pg/g - Dry Wt	C171		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	252.72	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	3318.78	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	60.80	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	330.41	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	1448.60	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	261.10	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	2144.44	pg/g - Dry Wt	C		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		pg/g - Dry Wt	C180		71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	143.26	pg/g - Dry Wt	U		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	624.66	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	143.26	pg/g - Dry Wt	U		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	113.23	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	1135.68	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	72.74	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	351.09	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	63.70	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	369.84	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	224.35	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	238.22	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	11.64	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	1153.46	pg/g - Dry Wt	C		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		pg/g - Dry Wt	C198		28.65
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	104.66	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	72.98	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	363.62	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	22.10	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	1731.54	pg/g - Dry Wt			143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	103.36	pg/g - Dry Wt	J		143.26
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	1798.94	pg/g - Dry Wt			71.63
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	222865.98	pg/g - Dry Wt			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	24	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	28	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	42	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	43	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	51	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1288.98	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	4327.68	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2896.60	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2416.98	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2245.39	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	71.63	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1324.20	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	12137.72	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	5200.60	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1938.46	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1655.12	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	782.17	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	71.63	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	3175.31	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	983.36	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	252.72	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	3318.78	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	60.80	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	330.41	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1448.60	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	261.10	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	2144.44	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	143.26	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	624.66	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	143.26	UJ		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	113.23	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1135.68	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	72.74	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	351.09	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	63.70	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	369.84	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	224.35	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	238.22	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	11.64	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1153.46	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	104.66	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	72.98	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	363.62	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	22.10	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1731.54	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	103.36	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	1798.94	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY	222865.98	J		T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	61	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	60	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	60	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	15	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	50	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	60	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	39	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	41	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	17	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	38	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	62	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	55	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	31	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	24	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	52	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	52	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	36	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	14	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	31	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	21	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	18	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	5	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	40	%RECOVERY			
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	15	%RECOVERY	&		
RWR-SD-5003-0000-01	48401-77-03	BCO	NORMAL	07/14/01	07/23/01	08/01/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	29	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	1065.37	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	2371.14	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	2133.37	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	251.53	pg/g - Dry Wt			16.68
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	235.21	pg/g - Dry Wt			16.68
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	570.80	pg/g - Dry Wt			16.68
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	11111.09	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	728.94	pg/g - Dry Wt			16.68
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	123.26	pg/g - Dry Wt			16.68
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	2276.90	pg/g - Dry Wt	C		33.36
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		pg/g - Dry Wt	C12		33.36
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	6125.32	pg/g - Dry Wt			33.36
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	6357.55	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	4572.94	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		pg/g - Dry Wt	C18		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	1268.62	pg/g - Dry Wt			33.36
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	37972.60	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		pg/g - Dry Wt	C20		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		pg/g - Dry Wt	C20		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		pg/g - Dry Wt	C20		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	9826.37	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	3897.96	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		pg/g - Dry Wt	C24		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	1872.08	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	4241.12	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		pg/g - Dry Wt	C26		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	18044.23	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	3100.83	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	19761.39	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		pg/g - Dry Wt	C40		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		pg/g - Dry Wt	C40		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	9604.62	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	847.86	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		pg/g - Dry Wt	C43		66.71

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
RWR-SD-5003-0000-01	48401-77-03		1.000	30.20	Lab Extraction ID = 48985-01-03	3.5172	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1065.37			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2371.14			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2133.37			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	251.53			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	235.21	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	570.80			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	11111.09			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	728.94			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	123.26			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2276.90	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	6125.92			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	6357.55			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4572.94	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1268.62			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	37972.60	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	9826.37			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	3897.96	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1872.08			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4241.12	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	18044.23			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	3100.83			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	19761.39	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	9604.62	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	847.86	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		pg/g - Dry Wt	C43		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	33915.84	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		pg/g - Dry Wt	C44		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		pg/g - Dry Wt	C44		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	4445.02	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		pg/g - Dry Wt	C45		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	1739.30	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	4955.09	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	20134.52	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		pg/g - Dry Wt	C49		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	4113.00	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		pg/g - Dry Wt	C50		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	12996.97	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	2636.01	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		pg/g - Dry Wt	C59		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		pg/g - Dry Wt	C59		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	3697.13	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	729.76	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	12598.84	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	37842.02	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	53782.00	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		pg/g - Dry Wt	C61		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	3622.77	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	166.78	pg/g - Dry Wt	U		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	13638.13	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	38598.24	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		pg/g - Dry Wt	C83		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	25484.87	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	12873.99	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		pg/g - Dry Wt	C85		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		pg/g - Dry Wt	C85		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	67079.64	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		pg/g - Dry Wt	C86		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		pg/g - Dry Wt	C86		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		pg/g - Dry Wt	C86		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	166.78	pg/g - Dry Wt	U		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	70680.06	pg/g - Dry Wt	C		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		pg/g - Dry Wt	C90		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		pg/g - Dry Wt	C90		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	11013.22	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		pg/g - Dry Wt	C88		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	14150.06	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	65583.90	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		pg/g - Dry Wt	C93		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		pg/g - Dry Wt	C93		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		pg/g - Dry Wt	C93		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		pg/g - Dry Wt	C93		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	21788.89	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	2916.30	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		pg/g - Dry Wt	C108		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	111898.02	pg/g - Dry Wt	C		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A		pg/g - Dry Wt	C110		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	1134.96	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	89280.19	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	7419.75	pg/g - Dry Wt	C		333.57

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	33915.84	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4445.02	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1739.30	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4955.09			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	20134.52	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4113.00	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	12996.97	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2636.01	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	3697.13	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	729.76			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	12598.84	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	37842.02	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	53782.00	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	3622.77			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	166.78	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	13638.13	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	38598.24	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	25484.87	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	12873.99	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	67079.64	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	166.78	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	70680.06	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	11013.22	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	14150.06	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	65583.90	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	21788.89			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2916.30	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	111898.02	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1134.96	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	89280.19			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	7419.75	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		pg/g - Dry Wt	C106		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		pg/g - Dry Wt	C106		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	333.57	pg/g - Dry Wt	U		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	23359.14	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		pg/g - Dry Wt	C128		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	108332.12	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		pg/g - Dry Wt	C129		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		pg/g - Dry Wt	C129		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		pg/g - Dry Wt	C129		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	8760.06	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	1744.49	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	166.78	pg/g - Dry Wt	U		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	7757.46	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		pg/g - Dry Wt	C134		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	28201.89	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		pg/g - Dry Wt	C135		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		pg/g - Dry Wt	C135		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	16387.33	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	13710.46	pg/g - Dry Wt	C		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		pg/g - Dry Wt	C137		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	13188.55	pg/g - Dry Wt			66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	166.78	pg/g - Dry Wt	U		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	6308.46	pg/g - Dry Wt	C		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		pg/g - Dry Wt	C146		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	68787.48	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		pg/g - Dry Wt	C147		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	41478.24	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		pg/g - Dry Wt	C153		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	9773.14	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		pg/g - Dry Wt	C156		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	66.71	pg/g - Dry Wt	U		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	3693.98	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	166.78	pg/g - Dry Wt	U		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	16263.10	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	5125.88	pg/g - Dry Wt	C		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		pg/g - Dry Wt	C171		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	1272.93	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	16213.44	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	403.33	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	1951.10	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	7450.56	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	2160.01	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	13525.62	pg/g - Dry Wt	C		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		pg/g - Dry Wt	C180		166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	333.57	pg/g - Dry Wt	U		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	4827.92	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	333.57	pg/g - Dry Wt	U		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	811.25	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	8827.39	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	412.01	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	2289.07	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	370.73	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	3772.96	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	1586.19	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	2886.12	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	64.32	pg/g - Dry Wt	J		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	15078.28	pg/g - Dry Wt	C		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		pg/g - Dry Wt	C198		66.71
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	581.51	pg/g - Dry Wt			333.57

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	333.57	UJ		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	23359.14	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	108332.12	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	8760.06			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1744.49	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	166.78	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	7757.46	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	28201.89	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	16387.33	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	13710.46	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	13188.55			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	166.78	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	6308.46	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	68787.48	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	41478.24	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	9773.14	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	66.71	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	3693.98	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	166.78	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	16263.10	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	5125.88	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1272.98			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	16213.44	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	403.33			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1951.10	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	7450.56	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2160.01	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	13525.62	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	333.57	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4827.92			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	333.57	U		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	811.25			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	8827.39	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	412.01			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2289.07	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	370.73			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	3772.96	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1586.19	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	2886.12	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	64.32	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	15078.26	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY				T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	581.51	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	1070.47	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	4956.09	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	220.51	pg/g - Dry Wt	J		333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	22969.42	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	1700.65	pg/g - Dry Wt			333.57
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	28498.60	pg/g - Dry Wt			166.78
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	1415881.85	pg/g - Dry Wt			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	45	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	50	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	74	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	78	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	93	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	71	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	106	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	81	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	26	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	71	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	78	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	72	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	74	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	43	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	70	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	97	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	98	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	49	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	46	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	67	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	67	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	68	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	28	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	53	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	37	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	29	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	11	%RECOVERY	&		
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	60	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	35	%RECOVERY			
LPX-SD-4001-0000-01	48401-77-10	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	54	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	1068.33	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	2092.72	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	1137.31	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	19.09	pg/g - Dry Wt	U		19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	1457.26	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	240.90	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	7311.68	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	372.49	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	76.50	pg/g - Dry Wt			19.09
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	1145.12	pg/g - Dry Wt	C		38.17
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		pg/g - Dry Wt	C12		38.17
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	2700.18	pg/g - Dry Wt			38.17
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	2658.99	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	2595.08	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		pg/g - Dry Wt	C18		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	570.21	pg/g - Dry Wt			38.17
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	13964.24	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		pg/g - Dry Wt	C20		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		pg/g - Dry Wt	C20		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		pg/g - Dry Wt	C20		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	4404.17	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	1709.38	pg/g - Dry Wt	C		76.35

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1070.47			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	4956.09			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	220.51	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	22969.42			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1700.65			T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	28498.60	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	1415881.85	J		T
LPX-SD-4001-0000-01	48401-77-10		1.000	70.02	Lab Extraction ID = 48985-01-09	1.5053	G_DRY	

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		pg/g - Dry Wt	C24		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	670.53	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	1275.64	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		pg/g - Dry Wt	C26		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	6852.69	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	1818.62	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	20136.63	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		pg/g - Dry Wt	C40		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		pg/g - Dry Wt	C40		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	5245.93	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	24681.15	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		pg/g - Dry Wt	C43		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		pg/g - Dry Wt	C43		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	18112.80	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		pg/g - Dry Wt	C44		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		pg/g - Dry Wt	C44		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	2197.06	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		pg/g - Dry Wt	C45		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	1071.79	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	1978.19	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	9419.80	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		pg/g - Dry Wt	C49		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	2873.14	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		pg/g - Dry Wt	C50		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	9649.62	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	1224.51	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		pg/g - Dry Wt	C59		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		pg/g - Dry Wt	C59		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	414.77	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	285.97	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	6862.94	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	24809.43	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	27016.60	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		pg/g - Dry Wt	C61		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	1964.17	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	190.87	pg/g - Dry Wt	U		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	8527.37	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	17520.30	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		pg/g - Dry Wt	C83		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	20416.31	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	7247.70	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		pg/g - Dry Wt	C85		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		pg/g - Dry Wt	C85		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	40316.94	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		pg/g - Dry Wt	C86		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	190.87	pg/g - Dry Wt	U		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	39072.60	pg/g - Dry Wt	C		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		pg/g - Dry Wt	C90		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		pg/g - Dry Wt	C90		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	7988.48	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		pg/g - Dry Wt	C88		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	7868.97	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	47299.60	pg/g - Dry Wt	C		190.87

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	670.53	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1275.64	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	6852.69	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1818.62	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	20136.63	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	5245.93	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	24681.15	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	16112.60	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	2197.06	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1071.79	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1978.19	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	9419.80	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	2873.14	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	9649.62	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1224.51	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	414.77	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	285.97	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	6862.94	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	24809.43	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	27016.60	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1964.17	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	8527.37	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	17520.30	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	20416.31	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	7247.70	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	40316.94	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	39072.60	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	7988.48	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	7868.97	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	47299.60	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		pg/g - Dry Wt	C93		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	10593.17	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	1294.16	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		pg/g - Dry Wt	C108		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	76047.44	pg/g - Dry Wt	C		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-115	74472-36-1	PCB	MOD 1668A		pg/g - Dry Wt	C110		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	190.87	pg/g - Dry Wt	U		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	42483.10	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	3342.24	pg/g - Dry Wt	C		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		pg/g - Dry Wt	C106		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		pg/g - Dry Wt	C106		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	573.22	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	10389.92	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		pg/g - Dry Wt	C128		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	43097.32	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		pg/g - Dry Wt	C129		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		pg/g - Dry Wt	C129		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		pg/g - Dry Wt	C129		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	3186.16	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	671.15	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	23573.28	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	3621.50	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		pg/g - Dry Wt	C134		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	11183.01	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		pg/g - Dry Wt	C135		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		pg/g - Dry Wt	C135		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	8822.95	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	4897.00	pg/g - Dry Wt	C		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		pg/g - Dry Wt	C137		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	3965.10	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	190.87	pg/g - Dry Wt	U		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	1764.98	pg/g - Dry Wt	C		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		pg/g - Dry Wt	C146		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	29267.36	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		pg/g - Dry Wt	C147		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	10747.72	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		pg/g - Dry Wt	C153		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	4042.12	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		pg/g - Dry Wt	C156		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	3060.42	pg/g - Dry Wt			76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	1738.31	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	190.87	pg/g - Dry Wt	U		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	10836.67	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	3288.62	pg/g - Dry Wt	C		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		pg/g - Dry Wt	C171		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	813.03	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	14489.02	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	381.74	pg/g - Dry Wt	U		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	1285.00	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	5356.96	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	1119.83	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	6714.76	pg/g - Dry Wt	C		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		pg/g - Dry Wt	C180		190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	381.74	pg/g - Dry Wt	U		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	2200.26	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	381.74	pg/g - Dry Wt	U		381.74

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	10593.17	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1294.16	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	76047.44	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	42483.10	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	3342.24	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	573.22	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	10389.92	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	43097.32	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	3186.16	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	671.15	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	23573.28	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	3621.50	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	11183.01	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	8822.95	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	4897.00	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	3965.10	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1764.98	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	29267.36	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	10747.72	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	4042.12	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	3060.42	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1738.31	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	10836.67	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	3288.62	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	813.03	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	14489.02	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1285.00	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	5356.96	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1119.83	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	6714.76	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	2200.26	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY		R		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	364.71	pg/g - Dry Wt	J		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	4836.56	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	199.56	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	1219.34	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	165.83	pg/g - Dry Wt	J		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	1968.78	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	1278.61	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	1681.03	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	60.91	pg/g - Dry Wt	J		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	7422.50	pg/g - Dry Wt	C		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		pg/g - Dry Wt	C198		76.35
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	721.61	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	449.89	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	1928.61	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	105.97	pg/g - Dry Wt	J		381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	10153.11	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	605.63	pg/g - Dry Wt			381.74
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	11854.90	pg/g - Dry Wt			190.87
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	812949.43	pg/g - Dry Wt			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	43	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	41	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	64	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	64	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	64	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	72	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	72	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	74	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	19	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	52	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	61	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	35	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	40	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	25	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	35	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	66	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	56	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	26	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	23	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	70	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	70	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	42	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	14	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	32	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	22	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	20	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	5	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	45	%RECOVERY			
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	13	%RECOVERY	&		
LPX-SD-4004-0000-01	48401-77-12	BCO	NORMAL	07/14/01	07/23/01	07/31/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	29	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-1	2051-60-7	PCB	MOD 1668A	100.76	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-3	2051-62-9	PCB	MOD 1668A	162.39	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-4	13029-08-8	PCB	MOD 1668A	260.47	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-5	16605-91-7	PCB	MOD 1668A	13.60	pg/g - Dry Wt	U		13.60
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-6	25569-80-6	PCB	MOD 1668A	229.32	pg/g - Dry Wt			13.60
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-7	33284-50-3	PCB	MOD 1668A	68.41	pg/g - Dry Wt	K		13.60
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-8	34883-43-7	PCB	MOD 1668A	881.18	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-9	34883-39-1	PCB	MOD 1668A	79.79	pg/g - Dry Wt			13.60
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-10	33146-45-1	PCB	MOD 1668A	14.05	pg/g - Dry Wt			13.60
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-12	2974-92-7	PCB	MOD 1668A	209.96	pg/g - Dry Wt	C		27.19

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CROL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	364.71	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	4836.56	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	199.56	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1219.34	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	165.83	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1968.78	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1278.61	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1681.03	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	60.91	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	7422.50	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY				T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	721.61	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	449.89	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	1928.61	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	105.97	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	10153.11	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	605.63	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	11854.90	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	812949.43	J		T
LPX-SD-4004-0000-01	48401-77-12		1.000	73.80	Lab Extraction ID = 48985-01-11	1.3174	G_DRY	

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-13	2974-90-5	PCB	MOD 1668A		pg/g - Dry Wt	C12		27.19
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-16	38444-78-9	PCB	MOD 1668A	1049.01	pg/g - Dry Wt			27.19
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-17	37680-66-3	PCB	MOD 1668A	1018.37	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-18	37680-65-2	PCB	MOD 1668A	1070.74	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-30	35693-92-6	PCB	MOD 1668A		pg/g - Dry Wt	C18		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-19	38444-73-4	PCB	MOD 1668A	222.60	pg/g - Dry Wt			27.19
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-20	38444-84-7	PCB	MOD 1668A	8166.04	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-21	55702-46-0	PCB	MOD 1668A		pg/g - Dry Wt	C20		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-28	7012-37-5	PCB	MOD 1668A		pg/g - Dry Wt	C20		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-33	38444-86-9	PCB	MOD 1668A		pg/g - Dry Wt	C20		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-22	38444-85-8	PCB	MOD 1668A	2050.18	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-24	55702-45-9	PCB	MOD 1668A	261.22	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-27	38444-76-7	PCB	MOD 1668A		pg/g - Dry Wt	C24		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-25	55712-37-3	PCB	MOD 1668A	339.58	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-26	38444-81-4	PCB	MOD 1668A	913.74	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-29	15862-07-4	PCB	MOD 1668A		pg/g - Dry Wt	C26		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-31	16606-02-3	PCB	MOD 1668A	2820.84	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-32	38444-77-4	PCB	MOD 1668A	343.09	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-40	38444-93-8	PCB	MOD 1668A	2462.01	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-41	52663-59-9	PCB	MOD 1668A		pg/g - Dry Wt	C40		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-71	41464-46-4	PCB	MOD 1668A		pg/g - Dry Wt	C40		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-42	36559-22-5	PCB	MOD 1668A	1312.98	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-43	70362-46-8	PCB	MOD 1668A	8209.68	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-52	35693-99-3	PCB	MOD 1668A		pg/g - Dry Wt	C43		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-73	74338-23-1	PCB	MOD 1668A		pg/g - Dry Wt	C43		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-44	41464-39-5	PCB	MOD 1668A	4998.60	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-47	2437-79-8	PCB	MOD 1668A		pg/g - Dry Wt	C44		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-65	33284-54-7	PCB	MOD 1668A		pg/g - Dry Wt	C44		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-45	70362-45-7	PCB	MOD 1668A	802.28	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-51	68194-04-7	PCB	MOD 1668A		pg/g - Dry Wt	C45		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-46	41464-47-5	PCB	MOD 1668A	268.54	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-48	70362-47-9	PCB	MOD 1668A	891.18	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-49	41464-40-8	PCB	MOD 1668A	2689.66	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-69	60233-24-1	PCB	MOD 1668A		pg/g - Dry Wt	C49		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-50	62796-65-0	PCB	MOD 1668A	639.26	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-53	41464-41-9	PCB	MOD 1668A		pg/g - Dry Wt	C50		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-56	41464-43-1	PCB	MOD 1668A	1427.42	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-59	74472-33-6	PCB	MOD 1668A	417.36	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-62	54230-22-7	PCB	MOD 1668A		pg/g - Dry Wt	C59		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-75	32598-12-2	PCB	MOD 1668A		pg/g - Dry Wt	C59		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-60	33025-41-1	PCB	MOD 1668A	592.25	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-63	74472-34-7	PCB	MOD 1668A	135.95	pg/g - Dry Wt	U		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-64	52663-58-8	PCB	MOD 1668A	1818.61	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-66	32598-10-0	PCB	MOD 1668A	4241.85	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-61	33284-53-6	PCB	MOD 1668A	9691.60	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-70	32598-11-1	PCB	MOD 1668A		pg/g - Dry Wt	C61		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-74	32690-93-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-76	70362-48-0	PCB	MOD 1668A		pg/g - Dry Wt	C61		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-77	32598-13-3	PCB	MOD 1668A	628.36	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-81	70362-50-4	PCB	MOD 1668A	135.95	pg/g - Dry Wt	U		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-82	52663-62-4	PCB	MOD 1668A	1466.44	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-83	60145-20-2	PCB	MOD 1668A	4797.36	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-99	38380-01-7	PCB	MOD 1668A		pg/g - Dry Wt	C83		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-84	52663-60-2	PCB	MOD 1668A	2388.22	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-85	65510-45-4	PCB	MOD 1668A	1323.69	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-116	18259-05-7	PCB	MOD 1668A		pg/g - Dry Wt	C85		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-117	68194-11-6	PCB	MOD 1668A		pg/g - Dry Wt	C85		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-86	55312-69-1	PCB	MOD 1668A	21342.36	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-87	38380-02-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		135.95

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1049.01			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1018.37			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1070.74	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	222.60			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	8166.04	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2050.18			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	261.22	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	339.58			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	913.74	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2820.84			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	343.09			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2462.01	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1312.98	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	8209.68	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	4998.60	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	802.28	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	268.54	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	891.18			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2689.66	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	639.26	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1427.42	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	417.36	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	592.25	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	135.95	U		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1818.61	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	4241.85	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	9691.60	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	628.36			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	135.95	U		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1466.44	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	4797.36	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2388.22	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1323.69	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	21342.36	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-97	41464-51-1	PCB	MOD 1668A		pg/g - Dry Wt	C86		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-109	74472-35-8	PCB	MOD 1668A		pg/g - Dry Wt	C86		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-119	56558-17-9	PCB	MOD 1668A		pg/g - Dry Wt	C86		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-125	74472-39-2	PCB	MOD 1668A		pg/g - Dry Wt	C86		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-89	73575-57-2	PCB	MOD 1668A	33.72	pg/g - Dry Wt	J		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-90	68194-07-0	PCB	MOD 1668A	9501.12	pg/g - Dry Wt	C		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-101	37680-73-2	PCB	MOD 1668A		pg/g - Dry Wt	C90		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-113	68194-10-5	PCB	MOD 1668A		pg/g - Dry Wt	C90		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-88	55215-17-3	PCB	MOD 1668A	1071.04	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-91	68194-05-8	PCB	MOD 1668A		pg/g - Dry Wt	C88		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-92	52663-61-3	PCB	MOD 1668A	1633.66	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-93	73575-56-1	PCB	MOD 1668A	6738.60	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-95	38379-99-6	PCB	MOD 1668A		pg/g - Dry Wt	C93		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-98	60233-25-2	PCB	MOD 1668A		pg/g - Dry Wt	C93		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-100	39485-83-1	PCB	MOD 1668A		pg/g - Dry Wt	C93		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-102	68194-06-9	PCB	MOD 1668A		pg/g - Dry Wt	C93		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-105	32598-14-4	PCB	MOD 1668A	3550.46	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-108	70362-41-3	PCB	MOD 1668A	376.84	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-124	70424-70-3	PCB	MOD 1668A		pg/g - Dry Wt	C108		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-110	38380-03-9	PCB	MOD 1668A	13580.18	pg/g - Dry Wt	C		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-115	74472-38-1	PCB	MOD 1668A		pg/g - Dry Wt	C110		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-114	74472-37-0	PCB	MOD 1668A	188.40	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-118	31508-00-6	PCB	MOD 1668A	11256.87	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-106	70424-69-0	PCB	MOD 1668A	994.88	pg/g - Dry Wt	C		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-107	70424-68-9	PCB	MOD 1668A		pg/g - Dry Wt	C106		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-123	65510-44-3	PCB	MOD 1668A		pg/g - Dry Wt	C106		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-126	57465-28-8	PCB	MOD 1668A	161.64	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-128	38380-07-3	PCB	MOD 1668A	3402.44	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-166	41411-63-6	PCB	MOD 1668A		pg/g - Dry Wt	C128		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-129	55215-18-4	PCB	MOD 1668A	18343.08	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-138	35065-28-2	PCB	MOD 1668A		pg/g - Dry Wt	C129		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-160	41411-62-5	PCB	MOD 1668A		pg/g - Dry Wt	C129		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-163	74472-44-9	PCB	MOD 1668A		pg/g - Dry Wt	C129		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-130	52663-66-8	PCB	MOD 1668A	1457.47	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-131	61798-70-7	PCB	MOD 1668A	264.56	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-132	38380-05-1	PCB	MOD 1668A	6850.91	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-134	52704-70-8	PCB	MOD 1668A	1046.14	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-143	68194-15-0	PCB	MOD 1668A		pg/g - Dry Wt	C134		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-135	52744-13-5	PCB	MOD 1668A	4579.95	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-151	52663-63-5	PCB	MOD 1668A		pg/g - Dry Wt	C135		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-154	60145-22-4	PCB	MOD 1668A		pg/g - Dry Wt	C135		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-136	38411-22-2	PCB	MOD 1668A	2161.57	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-137	35694-06-5	PCB	MOD 1668A	2174.04	pg/g - Dry Wt	C		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-164	74472-45-0	PCB	MOD 1668A		pg/g - Dry Wt	C137		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-141	52712-04-6	PCB	MOD 1668A	2652.95	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-144	68194-14-9	PCB	MOD 1668A	135.95	pg/g - Dry Wt	U		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-146	51908-16-8	PCB	MOD 1668A	1554.10	pg/g - Dry Wt	C		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-161	74474-43-8	PCB	MOD 1668A		pg/g - Dry Wt	C146		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-147	68194-13-8	PCB	MOD 1668A	10219.58	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-149	38380-04-0	PCB	MOD 1668A		pg/g - Dry Wt	C147		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-153	35065-27-1	PCB	MOD 1668A	10118.32	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-168	59291-65-5	PCB	MOD 1668A		pg/g - Dry Wt	C153		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-156	38380-08-4	PCB	MOD 1668A	1513.44	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-157	69782-90-7	PCB	MOD 1668A		pg/g - Dry Wt	C156		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-158	74472-42-7	PCB	MOD 1668A	1688.21	pg/g - Dry Wt			54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-167	52663-72-6	PCB	MOD 1668A	535.31	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-169	32774-16-6	PCB	MOD 1668A	135.95	pg/g - Dry Wt	U		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-170	35065-30-6	PCB	MOD 1668A	2475.76	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-171	52663-71-5	PCB	MOD 1668A	771.26	pg/g - Dry Wt	C		271.90

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	33.72	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	9501.12	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1071.04	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1633.66	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	6738.60	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	3550.46			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	376.84	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	13580.18	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	188.40	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	11256.87			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	994.88	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	161.64	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	3402.44	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	18343.08	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1457.47			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	264.56	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	6850.91			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1046.14	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	4579.95	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2161.57	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2174.04	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2652.95			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	135.95	U		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1554.10	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	10219.58	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	10118.32	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1513.44	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1688.21			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	535.31	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	135.95	U		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2475.76	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	771.26	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-173	68194-16-1	PCB	MOD 1668A		pg/g - Dry Wt	C171		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-172	52663-74-8	PCB	MOD 1668A	336.66	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-174	38411-25-5	PCB	MOD 1668A	1168.31	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-175	40186-70-7	PCB	MOD 1668A	78.99	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-176	52663-65-7	PCB	MOD 1668A	314.78	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-177	52663-70-4	PCB	MOD 1668A	1320.89	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-178	52663-67-9	PCB	MOD 1668A	467.12	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-180	35065-29-3	PCB	MOD 1668A	3746.06	pg/g - Dry Wt	C		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-193	69782-91-8	PCB	MOD 1668A		pg/g - Dry Wt	C180		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-182	60145-23-5	PCB	MOD 1668A	271.90	pg/g - Dry Wt	U		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-183	52663-69-1	PCB	MOD 1668A	1017.78	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-184	74472-48-3	PCB	MOD 1668A	4.10	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-185	52712-05-7	PCB	MOD 1668A	271.90	pg/g - Dry Wt	U		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-187	52663-68-0	PCB	MOD 1668A	2434.78	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-189	39635-31-9	PCB	MOD 1668A	86.53	pg/g - Dry Wt	J		135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-190	41411-64-7	PCB	MOD 1668A	432.13	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-191	74472-50-7	PCB	MOD 1668A	70.78	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-194	35694-08-7	PCB	MOD 1668A	1087.09	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-195	52663-78-2	PCB	MOD 1668A	381.99	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-196	42740-50-1	PCB	MOD 1668A	632.64	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-197	33091-17-7	PCB	MOD 1668A	17.12	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-198	68194-17-2	PCB	MOD 1668A	2632.28	pg/g - Dry Wt	C		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-199	52663-73-7	PCB	MOD 1668A		pg/g - Dry Wt	C198		54.38
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-200	40186-71-8	PCB	MOD 1668A	207.41	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-201	52663-75-9	PCB	MOD 1668A	181.40	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-203	52663-76-0	PCB	MOD 1668A	1020.53	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-205	74472-53-0	PCB	MOD 1668A	49.42	pg/g - Dry Wt	J		271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-206	40186-72-9	PCB	MOD 1668A	3141.33	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-207	52663-79-3	PCB	MOD 1668A	477.57	pg/g - Dry Wt			271.90
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	PCB-209	2051-24-3	PCB	MOD 1668A	3157.37	pg/g - Dry Wt			135.95
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	TOTAL PCB	1336-36-3	PCB	MOD 1668A	238490.17	pg/g - Dry Wt			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-1	2051-60-7	PCB	MOD 1668A	36	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-3	2051-62-9	PCB	MOD 1668A	45	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-4	13029-08-8	PCB	MOD 1668A	62	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-19	38444-73-4	PCB	MOD 1668A	53	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-15	2050-68-2	PCB	MOD 1668A	69	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-54	15968-05-5	PCB	MOD 1668A	57	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-104	56558-16-8	PCB	MOD 1668A	91	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-37	38444-90-5	PCB	MOD 1668A	66	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-155	33979-03-02	PCB	MOD 1668A	40	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-81	70362-50-4	PCB	MOD 1668A	67	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-77	32598-13-3	PCB	MOD 1668A	78	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-123	65510-44-3	PCB	MOD 1668A	79	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-118	31508-00-6	PCB	MOD 1668A	76	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-188	74487-85-7	PCB	MOD 1668A	70	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-114	74472-37-0	PCB	MOD 1668A	78	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-105	32598-14-4	PCB	MOD 1668A	85	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-126	57465-28-8	PCB	MOD 1668A	84	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-202	2136-99-4	PCB	MOD 1668A	67	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-167	52663-72-6	PCB	MOD 1668A	58	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-156	38380-08-4	PCB	MOD 1668A	44	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-157	69782-90-7	PCB	MOD 1668A	44	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-169	32774-16-6	PCB	MOD 1668A	66	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-208	52663-77-1	PCB	MOD 1668A	18	%RECOVERY	&		
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-189	39635-31-9	PCB	MOD 1668A	62	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-205	74472-53-0	PCB	MOD 1668A	46	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-206	40186-72-9	PCB	MOD 1668A	33	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-209	2051-24-3	PCB	MOD 1668A	19	%RECOVERY	&		
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-28	7012-37-5	PCB	MOD 1668A	68	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	336.66			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1168.31	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	78.99	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	314.78	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1320.89	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	467.12	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	3746.06	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	271.90	U		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1017.78			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	4.10	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	271.90	U		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2434.78	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	86.53	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	432.13	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	70.78	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1087.09	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	381.99	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	632.64	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	17.12	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	2632.28	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	207.41	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	181.40	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	1020.53			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	49.42	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	3141.33			T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	477.57	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	3157.37	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY	236490.17	J		T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-111	39635-32-0	PCB	MOD 1668A	51	%RECOVERY			
LPX-SD-071601-A	48401-83-15	BCO	REPLICATE	07/21/01	07/24/01	08/03/01		48985-01	13C-PCB-178	52663-67-9	PCB	MOD 1668A	67	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T
LPX-SD-071601-A	48401-83-15		1.000	63.22	Lab Extraction ID = 48985-09-20	1.8399	G_DRY				T

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Section 3
PCB Aroclor and Chlorinated Pesticide Results

QA/QC Narrative
Sediment and QC Results

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QA/QC Narrative

PCB Aroclor/Pesticide SEDIMENT QA/QC SUMMARY
QC Batch 01-498

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: PCB Aroclor and Chlorinated Pesticides

LABORATORY: Battelle, Duxbury, MA

MATRIX: Sediments (from invertebrate and crayfish locations)

SAMPLE CUSTODY: Sediment samples arrived at Battelle Duxbury in three events between July 11 and 21, 2001. All samples with the exception of the field sample duplicate were received in good condition, and the cooler temperatures upon receipt ranged from 0.7 to 2.3 °C. Note that the sample container for the field sediment duplicate sample received on July 21, 2001 was received cracked. However, the sample did not appear to be compromised and was used from sample analysis.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL (ng/g dry)	Project Goals * (ng/g dry)
PCB/ PEST	L-9 Battelle SOP 5-128	<QL[a]	40-125% Recovery	40-120% Recovery [b]	≤30% PD [c]	≤30% RPD [b,d]	Aroclor: 10.5 to 44.8 Pest: 0.84 to 3.59 Technical Chlordane: ~204 Toxaphene: 21.0 to 89.7	Aroclor: 12.6 to 447 Pest: 0.00903 to 1260 Technical Chlordane: 1260 Toxaphene: NA

[a] Or analyte concentrations in associated samples >10× blank values.
[b] For 90% of analytes; Analyte concentration in MS/MSD must be >5× background to be used for data quality assessment
[c] From a range of certified values; using surrogate corrected data; certified values in SRM must be >3× the detection limit to be used for data quality assessment
[d] Sample duplicate – detected values must be >3× the detection limit 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: Sediment samples from invertebrate and crayfish locations were prepared and analyzed for PCB Aroclor, chlorinated pesticides, and SVOCs (as PAHs) following methods described in Battelle's Quality Assurance Project Plan (Battelle, 2001). Briefly,

Sample Preparation – Sediment samples were extracted for PCB Aroclors, chlorinated pesticides and SVOCs (PAHs) following Battelle Duxbury SOP 5-192. Briefly, approximately 20 g of wet sediment material was weighed into an extraction vessel and spiked with the surrogate internal standard (SIS) compounds. Next, the sample was extracted three times with 100 mL dichloromethane (DCM) using shaker techniques. The combined extract was dried over sodium sulfate, concentrated to approximately 2 to 3 mLs using Kuderna-Danish and nitrogen evaporation techniques. Sample extracts were treated with activated copper to remove elemental sulfur. The extract was then processed through an alumina cleanup column (10-g F20, 2% deactivated alumina) followed by size-exclusion high-performance liquid chromatography (HPLC). The post-HPLC extract was concentrated under nitrogen to approximately 1 mL, fortified

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METHOD (cont):

with recovery internal standard (RIS) compounds that are used for quantification, and split for SVOC (PAHs) and chlorinated pesticides/PCB Aroclors analyses by GC/MS and GC/ECD, respectively. The extract for GC/ECD analysis was solvent exchanged into hexane prior to analysis.

Note that the initial GC/ECD analysis of the sediment samples proved problematic (degraded GC performance) and was thought to be sample related. Samples were re-extracted for GC/ECD analysis.

GC/ECD Analysis – PCB Aroclors and chlorinated pesticides were analyzed by GC/ECD (Hewlett Packard 5890 Series 2 GC) using a 60-m DB5 column and hydrogen as the carrier gas. A minimum of a five-point calibration curve was used for pesticide analysis ranging from approximately 0.008 to 0.3 µg/mL. A single point calibration at approximately 2 µg/mL was used for Technical Chlordane and PCB Aroclors analysis. And a single point calibration at approximately 4 µg/mL was used for Toxaphene analysis

Total Aroclor was determined as the mixture of two major Aroclor formulations. Field samples contained Aroclor 1254 and Aroclor 1268. In general, Aroclor 1254 was the predominant aroclor formulation, and contributed 75% or more of the total Aroclor in most samples. Samples may also contain trace levels of Aroclor 1260 relative to Aroclor 1254 values. Only Aroclors 1254 and 1268 are reported.

GC/ECD Calibration Issues – Many of the pesticide compounds did not meet continuing calibration criteria; see project file for specific exceedences. The QC exceedences appear to be sample related and samples were not re-analyzed as a result. Note that the calibration was very stable for PCBs, given that all of the continuing calibration checks met calibration criteria. Samples contained high levels of PCB as Aroclor and the calibration is just outside the QC limits for those pesticides detected in the samples (DDE, DDD, DDT and chlordanes). Samples were not re-analyzed and pesticide results should be considered estimates.

Matrix Interferences – Several samples could not be quantified for *gamma*-Chlordane due to matrix interferences. Several samples could be quantified for *gamma*-Chlordane, but the results are considered estimates due to matrix interferences.

HOLDING TIMES:

Samples were prepared for analysis in one analytical batch. Samples were extracted and analyzed within holding times (extracted within 77-d of collection and analyzed within 20 days of extraction). Samples were held frozen and in the dark until extraction.

Batch	Extraction Date	Analysis Date
01-498	09/24/2001	10/11 – 14/2001

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PCB Aroclor/Pesticide SEDIMENT QA/QC SUMMARY
QC Batch 01-498

DETECTION LIMITS:

PCB Aroclor and chlorinated pesticide results are reported relative to the sample-specific reporting limits (also referred to as QL in the QAPP) for that compound. The sample-specific RL is based on the low calibration standard and adjusted for sample specific processing factors and volumes, as follow:

RL = (Concentration in Low Std. × final extract volume × dilution factors)/ Sample size

Where,
Concentration in Low Std. = approximately 0.008 µg/mL for pesticides and PCB congeners; 1 µg/mL Technical Chlordane; 0.1 µg/mLfor Aroclor; and 0.2 µg/mL for Technical Chlordane**
Final Extract Volume = 1,100 µL
Dilution Factor = 1.667
Sample Size = approximately 20-g wet (4 to 16-g dry)

** Note that a mid-level, single point calibration was analyzed for Technical Chlordane (2 µg/mL), PCB Aroclor (2 µg/mL) and Toxaphene (4 µg/mL). However, the RL was based on the low range of the calibration curve, which was not analyzed with the samples. A full curve (for Technical Chlordane and Aroclor) had been analyzed within 2-months of the samples, thereby demonstrating that the instrument is sensitive at a lower level. Calculation of RLs is consistent with the methods specified in the QAPP (see Worksheet #9a).

Achieved RLs for several pesticides did not meet the project detection limit goals, and were generally 3 to 16 times higher than the project detection limit goal. Achieved RLs for PCB Aroclor and Technical Chlordane either met or well below the project detection limit goals. No project detection limit goals were provided for Toxaphene. As noted in the QAPP, the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods. If detection limits cannot be achieved, this will be addressed in the uncertainty discussions in the risk assessment.

BLANKS:

A laboratory procedural blank (PB) were prepared with the analytical batch. Blanks are analyzed to ensure that the sample extraction and analysis methods were free of contamination.

01-498 – PCB Aroclors and chlorinated pesticides were undetected in the laboratory blanks.

LABORATORY CONTROL SAMPLE

Two laboratory control samples (LCS) were prepared with the analytical batch. One LCS sample was fortified with PCB congeners and chlorinated pesticides. The other LCS was fortified with PCB Aroclor 1016 and 1260. The percent recoveries of PCB Aroclor and chlorinated pesticides were calculated to measure data quality in terms of accuracy.

01-498 – With the exception of four pesticides, representative compounds were recovered within the control limits specified in QAPP. Exceptions included Endrin aldehyde (30%), Heptachlor (36%), Heptachlor epoxide (38%), and Methoxychlor (30%).

Recoveries ranged from:

	Pesticides	PCB Aroclor
ZJ44LCS#1	30 – 74%	not spiked
ZJ45LCS#2	not spiked	71 – 79%

LABORATORY CONTROL SAMPLE (cont):

Corrective Action – Endrin aldehyde, Heptachlor, Heptachlor epoxide, and Methoxychlor were recovered slightly below the lower QC limit (40%). The under-recovery is likely due to the reduced response of these pesticides observed in the bracketing continuing calibration. As noted above (see METHOD section), continuing calibration criteria was not met for many pesticides due to sample related issues and pesticide results should be considered as estimates.

MATRIX SPIKES:

One matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with the batch to measure data quality in terms of accuracy and precision. The MS and MSD were fortified with chlorinated pesticides to monitor data quality in terms of accuracy and precision.

01-498 – With the exception of four pesticides, representative compounds were recovered within the control limits specified in QAPP. Exceptions included Endrin aldehyde (30% in the MS), *gamma*-Chlordane (151% in MS and 153% in the MSD), Heptachlor epoxide (39% in MSD), and Methoxychlor (5301% in MS, 1781% in MSD).

Recoveries ranged from:

	Pesticides	PCB Aroclor
MS	0 – 5301%	not spiked*
MSD	0 – 1781%	not spiked*
RPDs	0.6 – 118.9%	not applicable

*PCB Aroclor only spiked into the LCS, per the QAPP (Battelle, 2001)

Corrective Action – Most QC exceedences corresponded to pesticides that were present in the MS/MSD at levels that were not above five times background concentrations, and as a result should not be used to assess data quality. The over recovery of *gamma*-Chlordane and Methoxychlor in the MS and MSD is likely a result of interferences from co-eluting PCB Aroclor and Technical chlordane peaks.

SURROGATES:

Four PCB surrogate compounds were added to each sample prior to extraction, including PCBs 14, 34, 104, and 112. Recovery data for PCBs 34 and 112 were calculated to measure data quality in terms of accuracy (extraction efficiency). Recovery data for the other two PCB surrogate compounds are not reported, as these are used as alternative surrogates in cases of interferences.

01-498 – PCB surrogates were recovered within the control limits specified in the QAPP.

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REPLICATES: A laboratory duplicate was prepared with the batch. The RPD between laboratory replicate analyses for PCB Aroclor and chlorinated pesticides was calculated to measure data quality in terms of precision.

01-498 – With the exception of 4,4-DDT, RPDs between laboratory replicates met the control limits specified in the QAPP and ranged from 0.0 to 32.9% RPD. The RPD between laboratory replicates for 4,4-DDT was 32.9%.

Corrective Action – As noted above (see METHOD section), pesticide results (including 4,4'-DDT) should be considered as estimates due to sample-related interferences. The slight QC exceedences (32.9% RPD between laboratory duplicates) is not significant considering that pesticide data are estimates.

Field replicates – precision between field replicates was poor, with RPDs for most detected compounds being >50%.

SRM: A standard reference material (SRM, NIST 1944) was prepared with the analytical batch. The percent difference (PD) between detected concentrations and certified values (lower and upper range) was calculated to measure data quality in terms of accuracy. ***Note*** – if the detected value fell within the certified range, then the PD is 0.0%. Also note that the SRM is certified for only two of the target compounds, including 4,4'-DDT and *alpha*-Chlordane.

01-498 – SRM PDs were within the control limits for *alpha*-Chlordane (5.7% PD), but exceeded the control limit for 4,4'-DDT (36.8% PD).

Corrective Action – Note that recovery of 4,4'-DDT in the LCS was within QC limits specified by the QAPP, suggesting that the method is in control. Further, 4,4'-DDT has historically been over-recovered in NIST SRM 1944 at Battelle, resulting in a slightly elevated PD value. The over-recovery is believed to be due to a co-eluting congener or matrix interference with 4,4'-DDT. This QC exceedence is flagged on the final report table.

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support.* Tasks 19-22 QAPP prepared under contract to USACE NAE. Delivery Order #59. May 23, 2001. 509pp + apps.

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.63	ng/g - dry wt	U		1.63
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	203.74	ng/g - dry wt	U		203.74
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	40.75	ng/g - dry wt	U		40.75
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	20.37	ng/g - dry wt	U		20.37
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	163.00	ng/g - dry wt	U		163.00
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	73	%RECOVERY			
NA	ZJ43PB	BATD	P_BLANK	NA	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	88	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	50	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	74	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	48	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	69	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	52	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	71	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	62	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	53	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	59	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	57	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	59	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	55	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	47	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	30	%RECOVERY	&		
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	52	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	48	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	60	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	36	%RECOVERY	&		
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	38	%RECOVERY	&		
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	30	%RECOVERY	&		
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
NA	ZJ43PB		1.667	NA		9.00	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	79	%RECOVERY			
NA	ZJ44LCS#1	BATD	LCS	NA	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	94	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	8	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	14	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	0	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	94	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	73	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	59	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	68	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	56	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	30	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	64	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	83	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	51	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	54	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	30	%RECOVERY	&		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	42	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	66	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	151	%RECOVERY	&		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	45	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	53	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	5301	%RECOVERY	&		
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	100	%RECOVERY			
RAB-SD-5008-0000-01	ZJ46MS	BATD	MS	07/09/01	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	72	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	33	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	35	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	0	%RECOVERY	-		
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	89	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	70	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	51	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	64	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	55	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	51	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	62	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	119	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	59	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	52	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	41	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	53	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	65	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	153	%RECOVERY	&		
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	39	%RECOVERY	&		
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	45	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
NA	ZJ44LCS#1		1.667	NA		NA	G_DRY				T
NA	ZJ44LCS#1		1.667	NA		NA	G_DRY				T
NA	ZJ44LCS#1		1.667	NA		NA	G_DRY				T
NA	ZJ44LCS#1		1.667	NA		NA	G_DRY				T
NA	ZJ44LCS#1		1.667	NA		NA	G_DRY				T
NA	ZJ44LCS#1			NA		NA	G_DRY				T
NA	ZJ44LCS#1			NA		NA	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS		1.667	30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS			30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ46MS			30.23		15.89	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1781	%RECOVERY	&		
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	88	%RECOVERY			
RAB-SD-5008-0000-01	ZJ47MSD	BATD	MSD	07/09/01	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	84	%RECOVERY			
NA	ZJ48SRM	BATD	SRM	NA	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	36.8	%DIFFERENCE	&		
NA	ZJ48SRM	BATD	SRM	NA	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	5.7	%DIFFERENCE			
NA	ZJ48SRM	BATD	SRM	NA	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	106	%RECOVERY			
NA	ZJ48SRM	BATD	SRM	NA	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	82	%RECOVERY			
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	32.74	ng/g - dry wt			2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	38.42	ng/g - dry wt			2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	6.51	ng/g - dry wt			2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	41.60	ng/g - dry wt			2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	6.67	ng/g - dry wt			2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	65.53	ng/g - dry wt			2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.85	ng/g - dry wt	U		2.85
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	955.33	ng/g - dry wt			356.75
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	71.35	ng/g - dry wt	U		71.35
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	35.68	ng/g - dry wt	U		35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	35.68	ng/g - dry wt	U		35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	35.68	ng/g - dry wt	U		35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	35.68	ng/g - dry wt	U		35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	35.68	ng/g - dry wt	U		35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	2047.82	ng/g - dry wt	D		178.38
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	35.68	ng/g - dry wt	U		35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	189.19	ng/g - dry wt			35.68
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	2237.00	ng/g - dry wt			285.40
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	85	%RECOVERY			
LPX-SD-4011-0000-01	W4954Dup-1	BATD	DUPLICATE	07/10/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	70	%RECOVERY			
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	3.17	ng/g - dry wt			1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	5.47	ng/g - dry wt			1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	7.70	ng/g - dry wt			1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	1.33	ng/g - dry wt	J		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD		1.667	31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD			31.84		15.64	G_DRY				T
RAB-SD-5008-0000-01	ZJ47MSD			31.84		15.64	G_DRY				T
NA	ZJ48SRM		1.667	1.25		2.29	G_DRY				T
NA	ZJ48SRM		1.667	1.25		2.29	G_DRY				T
NA	ZJ48SRM			1.25		2.29	G_DRY				T
NA	ZJ48SRM			1.25		2.29	G_DRY				T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	32.74	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	38.42	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	6.51	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	41.60	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	6.67	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	65.53	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2.85	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	955.33	J		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	71.35	UJ		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	35.68	U		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	35.68	U		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	35.68	U		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	35.68	U		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	35.68	U		T
LPX-SD-4011-0000-01	W4954Dup-1		8.335	74.50		5.14	G_DRY	2047.82			T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	35.68	U		T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	189.19			T
LPX-SD-4011-0000-01	W4954Dup-1		1.667	74.50		5.14	G_DRY	2237.00			T
LPX-SD-4011-0000-01	W4954Dup-1			74.50		5.14	G_DRY	85			T
LPX-SD-4011-0000-01	W4954Dup-1			74.50		5.14	G_DRY	70			T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	3.17	J		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	5.47	J		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	7.70	J		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.33	J		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	1.91	ng/g - dry wt			1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt	U		1.62
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	152.53	ng/g - dry wt	J		202.40
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	40.48	ng/g - dry wt	U		40.48
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	20.24	ng/g - dry wt	U		20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	20.24	ng/g - dry wt	U		20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	20.24	ng/g - dry wt	U		20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	20.24	ng/g - dry wt	U		20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	20.24	ng/g - dry wt	U		20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	57.55	ng/g - dry wt			20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	20.24	ng/g - dry wt	U		20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	41.66	ng/g - dry wt			20.24
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	99.22	ng/g - dry wt	J		161.92
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	87	%RECOVERY			
RAB-SD-5008-0000-01	W4950-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	82	%RECOVERY			
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	35.89	ng/g - dry wt			2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	42.93	ng/g - dry wt			2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	9.08	ng/g - dry wt			2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	42.81	ng/g - dry wt			2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	6.79	ng/g - dry wt			2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	69.88	ng/g - dry wt			2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.89	ng/g - dry wt	U		2.89
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	1029.15	ng/g - dry wt			360.96
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	72.19	ng/g - dry wt	U		72.19
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	36.10	ng/g - dry wt	U		36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	36.10	ng/g - dry wt	U		36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	36.10	ng/g - dry wt	U		36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	36.10	ng/g - dry wt	U		36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	36.10	ng/g - dry wt	U		36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	2022.77	ng/g - dry wt	D		180.48
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	36.10	ng/g - dry wt	U		36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	189.28	ng/g - dry wt			36.10
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	2212.05	ng/g - dry wt			288.77
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	75	%RECOVERY			
LPX-SD-4011-0000-01	W4954-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	69	%RECOVERY			
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	14.71	ng/g - dry wt			3.59

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.91	J		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	1.62	UJ		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	152.53	J		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	40.48	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	20.24	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	20.24	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	20.24	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	20.24	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	20.24	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	57.55			T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	20.24	U		T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	41.66			T
RAB-SD-5008-0000-01	W4950-1		1.667	58.24		9.06	G_DRY	99.22	J		T
RAB-SD-5008-0000-01	W4950-1			58.24		9.06	G_DRY	87			T
RAB-SD-5008-0000-01	W4950-1			58.24		9.06	G_DRY	82			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	35.89	J		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	42.93			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	9.08	J		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	42.81			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	6.79	J		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	69.88			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2.89	UJ		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	1029.15			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	72.19	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	36.10	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	36.10	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	36.10	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	36.10	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	36.10	U		T
LPX-SD-4011-0000-01	W4954-1		8.335	74.60		5.08	G_DRY	2022.77			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	36.10	U		T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	189.28			T
LPX-SD-4011-0000-01	W4954-1		1.667	74.60		5.08	G_DRY	2212.05			T
LPX-SD-4011-0000-01	W4954-1			74.60		5.08	G_DRY	75			T
LPX-SD-4011-0000-01	W4954-1			74.60		5.08	G_DRY	69			T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	14.71	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	20.75	ng/g - dry wt			3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	17.46	ng/g - dry wt			3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	4.60	ng/g - dry wt			3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	8.79	ng/g - dry wt			3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	3.59	ng/g - dry wt	U		3.59
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	626.18	ng/g - dry wt			448.34
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	89.67	ng/g - dry wt	U		89.67
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	44.83	ng/g - dry wt	U		44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	44.83	ng/g - dry wt	U		44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	44.83	ng/g - dry wt	U		44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	44.83	ng/g - dry wt	U		44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	44.83	ng/g - dry wt	U		44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	159.11	ng/g - dry wt			44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	44.83	ng/g - dry wt	U		44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	242.63	ng/g - dry wt			44.83
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	401.74	ng/g - dry wt			358.67
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	88	%RECOVERY			
GMP-SD-5007-0000-01	W4949-1	BATD	NORMAL	07/09/01	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	74	%RECOVERY			
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	17.81	ng/g - dry wt			2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	19.04	ng/g - dry wt			2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	21.73	ng/g - dry wt			2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	4.97	ng/g - dry wt			2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.54	ng/g - dry wt	U		2.54
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	751.05	ng/g - dry wt			317.25
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	63.45	ng/g - dry wt	U		63.45
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	31.72	ng/g - dry wt	U		31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	31.72	ng/g - dry wt	U		31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	31.72	ng/g - dry wt	U		31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	31.72	ng/g - dry wt	U		31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	31.72	ng/g - dry wt	U		31.72

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	20.75	J		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	17.46	J		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	4.60	J		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	8.79	J		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	3.59	UJ		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	626.18			T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	89.67	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	44.83	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	44.83	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	44.83	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	44.83	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	44.83	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	159.11			T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	44.83	U		T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	242.63			T
GMP-SD-5007-0000-01	W4949-1		1.667	79.79		4.09	G_DRY	401.74			T
GMP-SD-5007-0000-01	W4949-1			79.79		4.09	G_DRY	88			T
GMP-SD-5007-0000-01	W4949-1			79.79		4.09	G_DRY	74			T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	17.81	J		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	19.04			T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	21.73			T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	4.97	J		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	2.54	UJ		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	751.05			T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	63.45	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	31.72	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	31.72	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	31.72	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	31.72	U		T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	653.23	ng/g - dry wt			31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	31.72	ng/g - dry wt	U		31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	156.42	ng/g - dry wt			31.72
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	809.66	ng/g - dry wt			253.80
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	84	%RECOVERY			
APB-SD-4008-0000-01	W4951-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	78	%RECOVERY			
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	19.75	ng/g - dry wt			1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	14.77	ng/g - dry wt			1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	4.84	ng/g - dry wt			1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	18.07	ng/g - dry wt			1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	8.13	ng/g - dry wt			1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.84	ng/g - dry wt	U		1.84
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	671.59	ng/g - dry wt			229.79
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	45.96	ng/g - dry wt	U		45.96
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	22.98	ng/g - dry wt	U		22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	22.98	ng/g - dry wt	U		22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	22.98	ng/g - dry wt	U		22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	22.98	ng/g - dry wt	U		22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	22.98	ng/g - dry wt	U		22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	1466.65	ng/g - dry wt	D		114.89
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	22.98	ng/g - dry wt	U		22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	123.30	ng/g - dry wt			22.98
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	1589.96	ng/g - dry wt			183.83
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	85	%RECOVERY			
APB-SD-4009-0000-01	W4952-1	BATD	NORMAL	07/09/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	65	%RECOVERY			
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	16.76	ng/g - dry wt			0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	16.04	ng/g - dry wt			0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	6.26	ng/g - dry wt			0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	112.97	ng/g - dry wt	D		8.40
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	0.30	ng/g - dry wt	J		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	0.84	ng/g - dry wt	U		0.84

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	653.23			T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	31.72	U		T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	156.42			T
APB-SD-4008-0000-01	W4951-1		1.667	72.30		5.78	G_DRY	809.66			T
APB-SD-4008-0000-01	W4951-1			72.30		5.78	G_DRY	84			T
APB-SD-4008-0000-01	W4951-1			72.30		5.78	G_DRY	78			T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	19.75	J		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	14.77			T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	4.84	J		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	18.07			T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	8.13	J		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1.84	UJ		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	671.59			T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	45.96	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	22.98	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	22.98	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	22.98	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	22.98	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	22.98	U		T
APB-SD-4009-0000-01	W4952-1		8.335	62.43		7.98	G_DRY	1466.65			T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	22.98	U		T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	123.30			T
APB-SD-4009-0000-01	W4952-1		1.667	62.43		7.98	G_DRY	1589.96			T
APB-SD-4009-0000-01	W4952-1			62.43		7.98	G_DRY	85			T
APB-SD-4009-0000-01	W4952-1			62.43		7.98	G_DRY	65			T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	16.76	J		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	16.04			T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	6.26			T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		16.670	24.02		17.47	G_DRY	112.97	J		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.30	J		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	0.84	UJ		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	406.48	ng/g - dry wt			104.96
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	20.99	ng/g - dry wt	U		20.99
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	10.50	ng/g - dry wt	U		10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	10.50	ng/g - dry wt	U		10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	10.50	ng/g - dry wt	U		10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	10.50	ng/g - dry wt	U		10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	10.50	ng/g - dry wt	U		10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	3211.48	ng/g - dry wt	D		104.96
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	10.50	ng/g - dry wt	U		10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	40.36	ng/g - dry wt			10.50
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	3251.84	ng/g - dry wt			83.97
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	71	%RECOVERY			
APB-SD-4010-0000-01	W4953-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	67	%RECOVERY			
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	34.32	ng/g - dry wt			1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	27.14	ng/g - dry wt			1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	7.64	ng/g - dry wt			1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	112.65	ng/g - dry wt			1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	6.10	ng/g - dry wt			1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.89	ng/g - dry wt	U		1.89
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	1781.67	ng/g - dry wt			236.61
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	47.32	ng/g - dry wt	U		47.32
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	23.66	ng/g - dry wt	U		23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	23.66	ng/g - dry wt	U		23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	23.66	ng/g - dry wt	U		23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	23.66	ng/g - dry wt	U		23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	23.66	ng/g - dry wt	U		23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	242.90	ng/g - dry wt			23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	23.66	ng/g - dry wt	U		23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	53.89	ng/g - dry wt			23.66
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	296.78	ng/g - dry wt			189.29
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	88	%RECOVERY			
LPX-SD-4012-0000-01	W4955-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	78	%RECOVERY			
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	50.19	ng/g - dry wt			3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	36.72	ng/g - dry wt			3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	5.96	ng/g - dry wt			3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	32.06	ng/g - dry wt			3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	6.26	ng/g - dry wt			3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	406.48			T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	20.99	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	10.50	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	10.50	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	10.50	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	10.50	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	10.50	U		T
APB-SD-4010-0000-01	W4953-1		16.670	24.02		17.47	G_DRY	3211.48			T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	10.50	U		T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	40.36			T
APB-SD-4010-0000-01	W4953-1		1.667	24.02		17.47	G_DRY	3251.84			T
APB-SD-4010-0000-01	W4953-1			24.02		17.47	G_DRY	71			T
APB-SD-4010-0000-01	W4953-1			24.02		17.47	G_DRY	67			T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	34.32	J		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	27.14			T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	7.64	J		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	112.65			T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	6.10	J		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1.89	UJ		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	1781.67			T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	47.32	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	23.66	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	23.66	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	23.66	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	23.66	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	242.90			T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	23.66	U		T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	53.89			T
LPX-SD-4012-0000-01	W4955-1		1.667	62.30		7.75	G_DRY	296.78			T
LPX-SD-4012-0000-01	W4955-1			62.30		7.75	G_DRY	88			T
LPX-SD-4012-0000-01	W4955-1			62.30		7.75	G_DRY	78			T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	50.19	J		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	36.72			T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	5.96	J		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	32.06	J		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	6.26	J		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	51.56	ng/g - dry wt			3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	3.02	ng/g - dry wt	U		3.02
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	865.08	ng/g - dry wt			377.30
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	75.46	ng/g - dry wt	U		75.46
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt	U		37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt	U		37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt	U		37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt	U		37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt	U		37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	1287.61	ng/g - dry wt			37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt	U		37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	313.79	ng/g - dry wt			37.73
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	1601.40	ng/g - dry wt			301.84
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	77	%RECOVERY			
LPX-SD-4013-0000-01	W4956-1	BATD	NORMAL	07/10/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	72	%RECOVERY			
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	19.30	ng/g - dry wt			2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	31.28	ng/g - dry wt			2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	5.21	ng/g - dry wt			2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	14.11	ng/g - dry wt			2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	5.10	ng/g - dry wt			2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	10.16	ng/g - dry wt			2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.96	ng/g - dry wt	U		2.96
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	602.00	ng/g - dry wt			369.70
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	73.94	ng/g - dry wt	U		73.94
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	36.97	ng/g - dry wt	U		36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	36.97	ng/g - dry wt	U		36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	36.97	ng/g - dry wt	U		36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	36.97	ng/g - dry wt	U		36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	36.97	ng/g - dry wt	U		36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	181.26	ng/g - dry wt			36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	36.97	ng/g - dry wt	U		36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	246.67	ng/g - dry wt			36.97
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	427.92	ng/g - dry wt			295.76
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	90	%RECOVERY			
GMP-SD-5002-0000-01	W5358-1	BATD	NORMAL	07/11/01	09/24/01	10/12/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	78	%RECOVERY			
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	2.15	ng/g - dry wt			0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	1.07	ng/g - dry wt			0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	1.62	ng/g - dry wt			0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	5.39	ng/g - dry wt			0.91

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	51.56	J		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	3.02	UJ		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	865.08			T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	75.46	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	37.73	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	37.73	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	37.73	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	37.73	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	37.73	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	1287.61			T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	37.73	U		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	313.79	J		T
LPX-SD-4013-0000-01	W4956-1		1.667	77.58		4.86	G_DRY	1601.40			T
LPX-SD-4013-0000-01	W4956-1			77.58		4.86	G_DRY	77			T
LPX-SD-4013-0000-01	W4956-1			77.58		4.86	G_DRY	72			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	19.30	J		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	31.28			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	5.21	J		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	14.11			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	5.10	J		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	10.16			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	2.96	UJ		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	602.00			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	73.94	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	36.97	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	36.97	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	36.97	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	36.97	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	181.26			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	36.97	U		T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	246.67			T
GMP-SD-5002-0000-01	W5358-1		1.667	75.83		4.96	G_DRY	427.92			T
GMP-SD-5002-0000-01	W5358-1			75.83		4.96	G_DRY	90			T
GMP-SD-5002-0000-01	W5358-1			75.83		4.96	G_DRY	78			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	2.15			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	1.07			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	1.62			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	5.39			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	1.96	ng/g - dry wt			0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	3.63	ng/g - dry wt			0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	0.91	ng/g - dry wt	U		0.91
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	226.11	ng/g - dry wt			114.25
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	22.85	ng/g - dry wt	U		22.85
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	11.42	ng/g - dry wt	U		11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	11.42	ng/g - dry wt	U		11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	11.42	ng/g - dry wt	U		11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	11.42	ng/g - dry wt	U		11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	11.42	ng/g - dry wt	U		11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	117.91	ng/g - dry wt			11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	11.42	ng/g - dry wt	U		11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt			11.42
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	139.92	ng/g - dry wt			91.40
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	103	%RECOVERY			
RWR-SD-5003-0000-01	W5359-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	72	%RECOVERY			
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	4.87	ng/g - dry wt			1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	1.90	ng/g - dry wt			1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	3.09	ng/g - dry wt			1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt			1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.92	ng/g - dry wt			1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.03	ng/g - dry wt	U		1.03
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	151.85	ng/g - dry wt			128.23
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	25.65	ng/g - dry wt	U		25.65
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	12.82	ng/g - dry wt	U		12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	12.82	ng/g - dry wt	U		12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	12.82	ng/g - dry wt	U		12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	12.82	ng/g - dry wt	U		12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	12.82	ng/g - dry wt	U		12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	160.19	ng/g - dry wt			12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	12.82	ng/g - dry wt	U		12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	37.73	ng/g - dry wt			12.82
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	197.92	ng/g - dry wt			102.58
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	105	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	1.96			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	UJ		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	3.63			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	UJ		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	UJ		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	0.91	UJ		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	226.11			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	22.85	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	11.42	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	11.42	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	11.42	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	11.42	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	11.42	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	117.91			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	11.42	U		T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	22.01			T
RWR-SD-5003-0000-01	W5359-1		1.667	30.20		16.05	G_DRY	139.92			T
RWR-SD-5003-0000-01	W5359-1			30.20		16.05	G_DRY	103			T
RWR-SD-5003-0000-01	W5359-1			30.20		16.05	G_DRY	72			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	4.87			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.90			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	3.09			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.77			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	UJ		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.92			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	UJ		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	UJ		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	1.03	UJ		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	151.85			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	25.65	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	12.82	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	12.82	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	12.82	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	12.82	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	12.82	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	160.19			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	12.82	U		T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	37.73			T
RWR-SD-5004-0000-01	W5361-1		1.667	30.50		14.30	G_DRY	197.92			T
RWR-SD-5004-0000-01	W5361-1			30.50		14.30	G_DRY	105			T

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5004-0000-01	W5361-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	72	%RECOVERY			
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	2.08	ng/g - dry wt			1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	3.96	ng/g - dry wt			1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	1.07	ng/g - dry wt	J		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	0.62	ng/g - dry wt	J		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	0.65	ng/g - dry wt	J		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.81	ng/g - dry wt	U		1.81
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	63.85	ng/g - dry wt	J		226.66
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	45.33	ng/g - dry wt	U		45.33
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	22.67	ng/g - dry wt	U		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	22.67	ng/g - dry wt	U		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	22.67	ng/g - dry wt	U		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	22.67	ng/g - dry wt	U		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	22.67	ng/g - dry wt	U		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	25.10	ng/g - dry wt			22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	22.67	ng/g - dry wt	U		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	4.55	ng/g - dry wt	J		22.67
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	29.65	ng/g - dry wt	J		181.33
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	80	%RECOVERY			
RAB-SD-5004-0000-01	W5362-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	81	%RECOVERY			
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	0.02	ng/g - dry wt	J		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	9.15	ng/g - dry wt			1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	12.11	ng/g - dry wt			1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	4.53	ng/g - dry wt			1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	7.44	ng/g - dry wt			1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.76	ng/g - dry wt	U		1.76
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	494.31	ng/g - dry wt			220.13
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	44.03	ng/g - dry wt	U		44.03
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt	U		22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt	U		22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt	U		22.01

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
RWR-SD-5004-0000-01	W5361-1			30.50		14.30	G_DRY	72			T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	2.08			T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	3.96			T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.07	J		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	0.62	J		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	UJ		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	0.65	J		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	UJ		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	UJ		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	1.81	UJ		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	63.85	J		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	45.33	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	22.67	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	22.67	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	22.67	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	22.67	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	22.67	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	25.10			T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	22.67	U		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	4.55	J		T
RAB-SD-5004-0000-01	W5362-1		1.667	58.85		8.09	G_DRY	29.65	J		T
RAB-SD-5004-0000-01	W5362-1			58.85		8.09	G_DRY	80			T
RAB-SD-5004-0000-01	W5362-1			58.85		8.09	G_DRY	81			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	0.02	J		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	9.15			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	12.11			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	4.53			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	UJ		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	7.44			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	UJ		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	UJ		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	1.76	UJ		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	494.31			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	44.03	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	22.01	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	22.01	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	22.01	U		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt	U		22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt	U		22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	436.66	ng/g - dry wt			22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	22.01	ng/g - dry wt	U		22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	93.72	ng/g - dry wt			22.01
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	530.38	ng/g - dry wt			176.11
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	89	%RECOVERY			
CMS-SD-4006-0000-01	W5363-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	74	%RECOVERY			
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	12.19	ng/g - dry wt			1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	2.62	ng/g - dry wt			1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	2.76	ng/g - dry wt			1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	5.67	ng/g - dry wt			1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	5.46	ng/g - dry wt			1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	4.44	ng/g - dry wt			1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.29	ng/g - dry wt	U		1.29
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	299.46	ng/g - dry wt			161.84
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	32.37	ng/g - dry wt	U		32.37
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	16.18	ng/g - dry wt	U		16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	16.18	ng/g - dry wt	U		16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	16.18	ng/g - dry wt	U		16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	16.18	ng/g - dry wt	U		16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	16.18	ng/g - dry wt	U		16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	172.09	ng/g - dry wt			16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	16.18	ng/g - dry wt	U		16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	101.77	ng/g - dry wt			16.18
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	273.86	ng/g - dry wt			129.48
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	93	%RECOVERY			
CMS-SD-4003-0000-01	W5364-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	66	%RECOVERY			
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	20.83	ng/g - dry wt			1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	13.64	ng/g - dry wt			1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	2.37	ng/g - dry wt			1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	3.89	ng/g - dry wt			1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	3.24	ng/g - dry wt			1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	22.01	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	22.01	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	436.66			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	22.01	U		T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	93.72			T
CMS-SD-4006-0000-01	W5363-1		1.667	56.76		8.33	G_DRY	530.38			T
CMS-SD-4006-0000-01	W5363-1			56.76		8.33	G_DRY	89			T
CMS-SD-4006-0000-01	W5363-1			56.76		8.33	G_DRY	74			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	12.19			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	2.62			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	2.76			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	5.67			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	5.46			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	UJ		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	4.44			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	UJ		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	UJ		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	1.29	UJ		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	299.46			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	32.37	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	16.18	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	16.18	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	16.18	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	16.18	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	16.18	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	172.09			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	16.18	U		T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	101.77			T
CMS-SD-4003-0000-01	W5364-1		1.667	49.60		11.33	G_DRY	273.86			T
CMS-SD-4003-0000-01	W5364-1			49.60		11.33	G_DRY	93			T
CMS-SD-4003-0000-01	W5364-1			49.60		11.33	G_DRY	66			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	20.83			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	13.64			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	2.37			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	3.89			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	UJ		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	3.24			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	UJ		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.59	ng/g - dry wt	U		1.59
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	281.40	ng/g - dry wt			198.67
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	39.73	ng/g - dry wt	U		39.73
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	19.87	ng/g - dry wt	U		19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	19.87	ng/g - dry wt	U		19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	19.87	ng/g - dry wt	U		19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	19.87	ng/g - dry wt	U		19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	19.87	ng/g - dry wt	U		19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	1465.94	ng/g - dry wt	D		99.33
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	19.87	ng/g - dry wt	U		19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	77.44	ng/g - dry wt			19.87
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	1543.38	ng/g - dry wt			158.93
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	81	%RECOVERY			
CMS-SD-4007-0000-01	W5365-1	BATD	NORMAL	07/12/01	09/24/01	10/13/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	67	%RECOVERY			
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	48.76	ng/g - dry wt			2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	28.49	ng/g - dry wt			2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	8.03	ng/g - dry wt			2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	140.75	ng/g - dry wt			2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	7.87	ng/g - dry wt			2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.69	ng/g - dry wt	U		2.69
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	2212.73	ng/g - dry wt			336.46
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	67.29	ng/g - dry wt	U		67.29
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	33.65	ng/g - dry wt	U		33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	33.65	ng/g - dry wt	U		33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	33.65	ng/g - dry wt	U		33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	33.65	ng/g - dry wt	U		33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	33.65	ng/g - dry wt	U		33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	312.31	ng/g - dry wt			33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	33.65	ng/g - dry wt	U		33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	47.09	ng/g - dry wt			33.65
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	359.40	ng/g - dry wt			269.17
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	89	%RECOVERY			
LPX-SD-4004-0000-01	W5366-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	74	%RECOVERY			
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	6.42	ng/g - dry wt			1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	4.96	ng/g - dry wt			1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	9.51	ng/g - dry wt			1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	21.08	ng/g - dry wt			1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	10.02	ng/g - dry wt			1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	UJ		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1.59	UJ		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	281.40			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	39.73	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	19.87	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	19.87	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	19.87	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	19.87	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	19.87	U		T
CMS-SD-4007-0000-01	W5365-1		8.335	57.17		9.23	G_DRY	1465.94			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	19.87	U		T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	77.44			T
CMS-SD-4007-0000-01	W5365-1		1.667	57.17		9.23	G_DRY	1543.38			T
CMS-SD-4007-0000-01	W5365-1			57.17		9.23	G_DRY	81			T
CMS-SD-4007-0000-01	W5365-1			57.17		9.23	G_DRY	67			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	48.76			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	28.49			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	8.03			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	140.75			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	7.87			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	UJ		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	UJ		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	UJ		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2.69	UJ		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	2212.73			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	67.29	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	33.65	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	33.65	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	33.65	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	33.65	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	33.65	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	312.31			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	33.65	U		T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	47.09			T
LPX-SD-4004-0000-01	W5366-1		1.667	73.80		5.45	G_DRY	359.40			T
LPX-SD-4004-0000-01	W5366-1			73.80		5.45	G_DRY	89			T
LPX-SD-4004-0000-01	W5366-1			73.80		5.45	G_DRY	74			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	6.42			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	4.96			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	9.51			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	21.08			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	10.02			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	10.55	ng/g - dry wt			1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.40	ng/g - dry wt	U		1.40
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	848.11	ng/g - dry wt			174.80
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	34.96	ng/g - dry wt	U		34.96
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	17.48	ng/g - dry wt	U		17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	17.48	ng/g - dry wt	U		17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	17.48	ng/g - dry wt	U		17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	17.48	ng/g - dry wt	U		17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	17.48	ng/g - dry wt	U		17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	154.90	ng/g - dry wt			17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	17.48	ng/g - dry wt	U		17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	36.99	ng/g - dry wt			17.48
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	191.90	ng/g - dry wt			139.84
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	112	%RECOVERY			
WRL-SD-4005-0000-01	W5367-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	68	%RECOVERY			
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	27.61	ng/g - dry wt			2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	20.84	ng/g - dry wt			2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	24.41	ng/g - dry wt			2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	7.07	ng/g - dry wt			2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.39	ng/g - dry wt	U		2.39
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	701.21	ng/g - dry wt			298.65
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	59.73	ng/g - dry wt	U		59.73
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	29.86	ng/g - dry wt	U		29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	29.86	ng/g - dry wt	U		29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	29.86	ng/g - dry wt	U		29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	29.86	ng/g - dry wt	U		29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	29.86	ng/g - dry wt	U		29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	873.88	ng/g - dry wt			29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	29.86	ng/g - dry wt	U		29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	161.79	ng/g - dry wt			29.86
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	1035.67	ng/g - dry wt			238.92
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	86	%RECOVERY			
LPX-SD-4001-0000-01	W5369-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	75	%RECOVERY			
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	35.02	ng/g - dry wt			1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	17.71	ng/g - dry wt			1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	12.99	ng/g - dry wt			1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	10.55			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	UJ		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	UJ		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	UJ		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	1.40	UJ		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	848.11			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	34.96	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	17.48	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	17.48	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	17.48	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	17.48	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	154.90			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	17.48	U		T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	36.99			T
WRL-SD-4005-0000-01	W5367-1		1.667	51.63		10.49	G_DRY	191.90			T
WRL-SD-4005-0000-01	W5367-1			51.63		10.49	G_DRY	112			T
WRL-SD-4005-0000-01	W5367-1			51.63		10.49	G_DRY	68			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	27.61	J		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	20.84			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	24.41			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	7.07			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	UJ		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	UJ		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	UJ		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	UJ		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	2.39	UJ		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	701.21			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	59.73	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	29.86	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	29.86	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	29.86	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	29.86	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	29.86	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	873.88			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	29.86	U		T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	161.79			T
LPX-SD-4001-0000-01	W5369-1		1.667	70.02		6.14	G_DRY	1035.67			T
LPX-SD-4001-0000-01	W5369-1			70.02		6.14	G_DRY	86			T
LPX-SD-4001-0000-01	W5369-1			70.02		6.14	G_DRY	75			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	35.02	J		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	17.71			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	12.99			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	114.24	ng/g - dry wt			1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	6.18	ng/g - dry wt			1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	1.77	ng/g - dry wt	U		1.77
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	1617.73	ng/g - dry wt			221.73
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	44.35	ng/g - dry wt	U		44.35
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	22.17	ng/g - dry wt	U		22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	22.17	ng/g - dry wt	U		22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	22.17	ng/g - dry wt	U		22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	22.17	ng/g - dry wt	U		22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	22.17	ng/g - dry wt	U		22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	124.51	ng/g - dry wt			22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	22.17	ng/g - dry wt	U		22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	37.91	ng/g - dry wt			22.17
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	162.42	ng/g - dry wt	J		177.38
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	98	%RECOVERY			
LPX-SD-4002-0000-01	W5370-1	BATD	NORMAL	07/12/01	09/24/01	10/14/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	74	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	79	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	71	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	NA	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	114.24			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	6.18			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	UJ		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	UJ		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	UJ		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	UJ		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	UJ		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1.77	UJ		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	1617.73			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	44.35	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	22.17	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	22.17	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	22.17	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	22.17	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	22.17	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	124.51			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	22.17	U		T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	37.91			T
LPX-SD-4002-0000-01	W5370-1		1.667	63.65		8.27	G_DRY	162.42	J		T
LPX-SD-4002-0000-01	W5370-1			63.65		8.27	G_DRY				T
LPX-SD-4002-0000-01	W5370-1			63.65		8.27	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Total Aroclor		PEST/PCB	BATD_SOP_5_128	75	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Cl3(34)	37680-68-5	PEST/PCB	BATD_SOP_5_128	83	%RECOVERY			
NA	ZJ45LCS#2	BATD	LCS	NA	09/24/01	10/11/01		01-498	Cl5(112)	74472-36-9	PEST/PCB	BATD_SOP_5_128	70	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
NA	ZJ45LCS#2		1.667	NA		NA	G_DRY				T
NA	ZJ45LCS#2			NA		NA	G_DRY				T
NA	ZJ45LCS#2			NA		NA	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	4,4'-DDD	50-29-3	PEST/PCB	BATD_SOP_5_128	22.13	ng/g - dry wt			2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	4,4'-DDE	72-54-8	PEST/PCB	BATD_SOP_5_128	24.54	ng/g - dry wt			2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	4,4'-DDT	72-55-9	PEST/PCB	BATD_SOP_5_128	10.92	ng/g - dry wt			2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aldrin	309-00-2	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	alpha-BHC	319-84-6	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	alpha-Chlordane	5103-71-9	PEST/PCB	BATD_SOP_5_128	107.95	ng/g - dry wt			2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	beta-BHC	319-85-7	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	delta-BHC	319-86-8	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Dieldrin	60-57-1	PEST/PCB	BATD_SOP_5_128	6.12	ng/g - dry wt			2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Endosulfan I	959-98-8	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Endosulfan II	33213-65-9	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Endosulfan Sulfate	1031-07-8	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Endrin	72-20-8	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Endrin Aldehyde	7421-93-4	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Endrin Ketone	53494-70-5	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	gamma-BHC	58-89-9	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	gamma-Chlordane	5103-74-2	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Heptachlor	76-44-8	PEST/PCB	BATD_SOP_5_128	0.81	ng/g - dry wt	J		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Heptachlor Epoxide	1024-57-3	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Methoxychlor	72-43-5	PEST/PCB	BATD_SOP_5_128	2.01	ng/g - dry wt	U		2.01
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Technical chlordane	57-74-9	PEST/PCB	BATD_SOP_5_128	1475.63	ng/g - dry wt			250.85
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Toxaphene	8001-35-2	PEST/PCB	BATD_SOP_5_128	50.17	ng/g - dry wt	U		50.17
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1016	12674-11-2	PEST/PCB	BATD_SOP_5_128	25.08	ng/g - dry wt	U		25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1221	1104-28-2	PEST/PCB	BATD_SOP_5_128	25.08	ng/g - dry wt	U		25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1232	11141-16-5	PEST/PCB	BATD_SOP_5_128	25.08	ng/g - dry wt	U		25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1242	53469-21-9	PEST/PCB	BATD_SOP_5_128	25.08	ng/g - dry wt	U		25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1248	12672-29-6	PEST/PCB	BATD_SOP_5_128	25.08	ng/g - dry wt	U		25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1254	11097-69-1	PEST/PCB	BATD_SOP_5_128	276.82	ng/g - dry wt			25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1260	11096-82-5	PEST/PCB	BATD_SOP_5_128	25.08	ng/g - dry wt	U		25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Aroclor-1268	11100-14-4	PEST/PCB	BATD_SOP_5_128	34.59	ng/g - dry wt			25.08
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/21/01		01-499	Total Aroclor		PEST/PCB	BATD_SOP_5_128	311.41	ng/g - dry wt			200.68

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DF	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	COMMENT	FRACTION
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	22.13			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	24.54			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	10.92			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	107.95			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	6.12			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	0.81	J		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	2.01	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	1475.63			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	50.17	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	25.08	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	25.08	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	25.08	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	25.08	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	25.08	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	276.82			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	25.08	U		T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	34.59			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	311.41			T

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Section 4
PAH Results

QA/QC Narrative
Sediment and QC Results

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QA/QC Narrative

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PAH SEDIMENT QA/QC SUMMARY
QC Batch 01-364

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: PAHs

LABORATORY: Battelle, Duxbury, MA

MATRIX: Sediments

SAMPLE CUSTODY: Sediment samples arrived at Battelle Duxbury in three events between July 11 and 21, 2001. All samples with the exception of the field sample duplicate were received in good condition, and the cooler temperatures upon receipt ranged from 0.7 to 2.3 °C. Note that the sample container for the field sediment duplicate sample received on July 21, 2001 was received cracked. However, the sample did not appear to be compromised and was used from sample analysis.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL (ng/g)	Project Goals * (ng/g)
PAH	Battelle SOP 5-157	<QL[a]	40-125% Recovery	40-120% Recovery [b]	≤30% PD [c]	≤30% RPD [b,d]	0.8 to 292.4	0.18 to 16900

[a] Or analyte concentrations in associated samples >10× blank values.

[b] For 90% of analytes; Analyte concentration in MS/MSD must be >5× background to be used for data quality assessment

[c] From a range of certified values; using surrogate corrected data; certified values in SRM must be >3× the detection limit to be used for data quality assessment

[d] Analyte concentration in Replicates must be >3× QL to be used for data quality assessment

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

METHOD: Sediment samples from invertebrate and crayfish locations were prepared and analyzed for PCB Aroclor, chlorinated pesticides, and SVOCs (as PAHs) following methods described in Battelle's Quality Assurance Project Plan (Battelle, 2001). Briefly,

Sample Preparation – Sediment samples were extracted for PCB Aroclors, chlorinated pesticides and SVOCs (PAHs) following Battelle Duxbury SOP 5-192. Briefly, approximately 30 g of wet sediment material was weighed into an extraction vessel and spiked with the surrogate internal standard (SIS) compounds. Next, the sample was extracted three times with 100 mL dichloromethane (DCM) using shaker techniques. The combined extract was dried over sodium sulfate, concentrated to approximately 2 to 3 mLs using Kuderna-Danish and nitrogen evaporation techniques. Sample extracts were treated with activated copper to remove elemental sulfur. The extract was then processed through an alumina cleanup column (10-g F20, 2% deactivated alumina) followed by size-exclusion high-performance liquid chromatography (HPLC). The post-HPLC extract was concentrated under nitrogen to approximately 1 mL, fortified with recovery internal standard (RIS) compounds that are used for quantification, and split for SVOC (PAHs) and chlorinated pesticides/PCB Aroclors analyses by GC/MS and GC/ECD, respectively. The extract for GC/ECD analysis was solvent exchanged into hexane prior to analysis.

GC/MS Analysis – PAHs were analyzed by GC/MS (Hewlett Packard 5890 Series 2 GC) using a 60-m DB5 column and helium as the carrier gas. A minimum of a five-point calibration curve was used for PAH analysis, ranging from approximately 0.050 to 10.0 µg/mL. A separate minimum five-point calibration curve was used for

METHOD (cont): Benzaldehyde analysis ranging, from approximately 0.010 to 10.0 µg/mL.

Total PAH was determined by adding the concentrations of all target PAH compounds except Benzaldehyde.

HOLDING TIMES: Samples were prepared for analysis in one analytical batch. Samples were extracted within 14 days of collection and analyzed within 16 days of extraction.

Batch	Extraction Date	Analysis Date
01-350	07/25 and 8/3/2001**	08/16 – 19/2001

** The matrix spike background sample and a laboratory blank were extracted on 8/3/2001; The other field samples and laboratory QC were extracted on 7/25/2001.

DETECTION LIMITS: PAHs and Benzaldehyde results are reported relative to the sample-specific reporting limits (also referred to as QL in the QAPP) for that compound. The sample-specific RL is based on the low calibration standard and adjusted for sample specific processing factors and volumes, as follow:

RL = (Concentration in Low Std. × final extract volume × dilution factors)/ Sample size

Where,
Concentration in Low Std. = 0.050 µg/mL for PAHs and 0.010 µg/mL Benzaldehyde
Final Extract Volume = 1000 µL
Dilution Factor = 1.667 (HPLC) plus individual additional dilution factors
Sample Size = Sample dry weight extracted, ranging from 6.80 to 23.10 g

Achieved RLs for Benzo(a)pyrene, Dibenz(a,h)anthracene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, and Indeno(1,2,3-c,d)pyrene did not meet the project detection limit goals in most samples, as samples had to be diluted and re-analyzed due to high sample contamination.

Even so, the failure to meet project detection limit goals does not impact data quality given that the concentrations of PAHs detected in the samples were generally one or more orders of magnitude higher than the laboratory RL. Further, as noted in the QAPP, the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods. If detection limits cannot be achieved, this will be addressed in the uncertainty discussions in the risk assessment.

BLANKS: Two laboratory procedural blanks (PB) were prepared with the analytical batch, one on July 25, 2001 and the other on August 3, 2001. The PB prepared on August 3, 2001 was prepared with the matrix spike background sample; the PB prepared on July 25, 2001 was prepared with the other field samples and the quality control samples. Blanks were analyzed to ensure that the sample extraction and analysis methods were free of contamination.

01-364 – Several PAHs were detected in each blank. Of those compounds detected in ZD09PB, only Benzaldehyde is detected at levels higher than the laboratory RL. The second blank (ZE29PB) contained Benzaldehyde, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Chrysene, Fluoranthene, and Pyrene at concentrations also above the laboratory RL.

Corrective Action – Sample data are not impacted given that concentrations of those PAHs detected in the blank were also present in the associated field samples at levels >10× blank values.

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PAH SEDIMENT QA/QC SUMMARY
QC Batch 01-364

LABORATORY CONTROL SAMPLE

Two laboratory control samples (LCS) were prepared with the analytical batch. One was for GC/ECD analysis only. The second LCS sample was fortified with PAHs and Benzaldehyde. The percent recoveries of PAHs and Benzaldehyde were calculated to measure data quality in terms of accuracy.

01-364 – All compounds were recovered within the control limits specified in QAPP.

Recoveries ranged from:

	PAHs	Benzaldehyde
ZD10LCS#1	59 – 74%	80%

MATRIX SPIKES:

A matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with the analytical batch. The percent recoveries of PAHs in the MS/MSD were calculated to measure data quality in terms of accuracy. The relative percent difference (RPD) between percent recoveries of PAHs in the MS and MSD were calculated to measure data quality in terms of precision.

01-364 – Only Acenaphthene percent recoveries are "&" qualified. Many other PAHs and Benzaldehyde were recovered outside the control limits specified in QAPP, but are "~" qualified because MS and/or MSD concentrations are <5× background sample concentrations. In addition, four RPDs are also "~" qualified.

Recoveries and RPDs ranged from:

	PAHs	Benzaldehyde
ZD12MS	70 – 1200%	142%
ZD13MSD	68 – 1583%	135%
RPDs	1.6 – 50.9%	5.0%

Corrective Action – The MS and MSD were not fortified with high enough levels of PAHs, relative to the background concentrations, to be accurately recovered. Further, recovery data from the LCS and percent difference from the SRM were acceptable, demonstrating that the analytical method is in control.

SURROGATES:

Three PAH surrogate compounds were added to each sample prior to extraction, including Naphthalene-d8, Phenanthrene-d10, and Chrysene-d12. Recovery data were calculated to measure data quality in terms of accuracy (extraction efficiency).

01-364 – PAH surrogates were recovered within the control limits specified in the QAPP.

REPLICATES:

A laboratory duplicate was prepared with the batch. The RPDs between laboratory replicate analyses for PAHs and Benzaldehyde were calculated to measure data quality in terms of precision.

01-364 – RPDs were ranged within the control limits specified in QAPP, ranging from 7.4 to 27.8%.

Field replicates – precision between field replicates was poor, with RPDs for most detected compounds being >50%.

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PAH SEDIMENT QA/QC SUMMARY
QC Batch 01-364

SRM: A standard reference material (SRM, NIST 1944) was prepared with the analytical batch. The percent difference (PD) between the measured value and the certified range was calculated to measure data quality in terms of accuracy. ***Note*** – if the detected value fell within the certified range, then the PD is 0.0%.

01-364 –SRM PDs were within the control limits for all certified PAHs, ranging from 0.0 to 15.9%.

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support.* Tasks 19-22 QAPP prepared under contract to USACE NAE. Delivery Order #59. May 23, 2001. 509pp + apps.

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	0.16	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	0.21	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	2.57	ng/g - dry wt	B		1.39
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	0.14	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	0.17	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	0.29	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	0.20	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	0.32	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	0.09	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	0.74	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	0.29	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	0.28	ng/g - dry wt	J		6.95
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	2.88	ng/g - dry wt	J		131.97
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	66	%RECOVERY			
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	64	%RECOVERY			
NA	ZD09PB	BATD	P_BLANK	NA	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	70	%RECOVERY			
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	0.16	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	0.35	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	6.95	ng/g - dry wt	U		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	0.37	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	0.86	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	17.79	ng/g - dry wt	B		1.39
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	5.98	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	6.94	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	8.08	ng/g - dry wt	B		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	5.81	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	7.28	ng/g - dry wt	B		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	9.52	ng/g - dry wt	B		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	1.33	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	0.14	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	14.98	ng/g - dry wt	B		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	0.21	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	6.43	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	0.88	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	5.45	ng/g - dry wt	J		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	12.71	ng/g - dry wt	B		6.95
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	87.47	ng/g - dry wt	J		131.97
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	76	%RECOVERY			
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	75	%RECOVERY			
NA	ZE29PB	BATD	P_BLANK	NA	08/03/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	95	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	72	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	74	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	71	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	69	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	69	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	80	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	66	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	62	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	67	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	63	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	69	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	70	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	61	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	72	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	71	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	59	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	72	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	72	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.16	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.21	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	2.57	B		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.14	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.17	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.29	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.20	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.32	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.09	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.74	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.29	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	0.28	J		T
NA	ZD09PB		1.667	NA		12.00	G_DRY	2.88	J		T
NA	ZD09PB			NA		12.00	G_DRY	66			T
NA	ZD09PB			NA		12.00	G_DRY	64			T
NA	ZD09PB			NA		12.00	G_DRY	70			T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.16	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.35	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	6.95	U		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.37	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.86	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	17.79	B		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	5.98	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	6.94	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	8.08	B		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	5.81	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	7.28	B		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	9.52	B		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	1.33	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.14	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	14.98	B		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.21	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	6.43	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	0.88	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	5.45	J		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	12.71	B		T
NA	ZE29PB		1.667	NA		12.00	G_DRY	87.47	J		T
NA	ZE29PB			NA		12.00	G_DRY	76			T
NA	ZE29PB			NA		12.00	G_DRY	75			T
NA	ZE29PB			NA		12.00	G_DRY	95			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	72			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	74			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	71			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	69			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	69			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	80			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	66			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	62			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	67			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	63			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	69			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	70			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	61			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	72			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	71			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	59			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	72			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	72			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	69	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	68	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	77	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	67	%RECOVERY			
NA	ZD10LCS#1	BATD	LCS	NA	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	70	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	74	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	79	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	159	%RECOVERY	&		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	70	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	120	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	0	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	400	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	214	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	429	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	417	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	405	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	436	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	136	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	1200	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	176	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	383	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	86	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	985	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	924	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	376	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	58	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	71	%RECOVERY			
RAB-SD-5008-0000-01	ZD12MS	BATD	MS	07/09/01	07/25/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	79	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	76	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	69	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	157	%RECOVERY	&		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	79	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	128	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	0	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	518	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	360	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	606	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	406	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	534	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	658	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	141	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	1583	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	183	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	462	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	68	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	1296	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	1251	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	480	%RECOVERY	-		
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	61	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	75	%RECOVERY			
RAB-SD-5008-0000-01	ZD13MSD	BATD	MSD	07/09/01	07/25/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	83	%RECOVERY			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	15.9	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	2.6	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	6.4	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	1.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	0.0	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	3.7	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	1.8	%DIFFERENCE			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	55	%RECOVERY			
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	67	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	69			T
NA	ZD10LCS#1		1.667	NA		NA	G_DRY	68			T
NA	ZD10LCS#1			NA		NA	G_DRY	77			T
NA	ZD10LCS#1			NA		NA	G_DRY	67			T
NA	ZD10LCS#1			NA		NA	G_DRY	70			T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	74			T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	79			T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	159	&		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	70			T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	120			T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	0	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	400	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	214	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	429	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	417	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	405	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	436	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	136	-		T
RAB-SD-5008-0000-01	ZD12MS		16.670	30.23		21.11	G_DRY	1200	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	176	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	383	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	86			T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	985	-		T
RAB-SD-5008-0000-01	ZD12MS		16.670	30.23		21.11	G_DRY	924	-		T
RAB-SD-5008-0000-01	ZD12MS		1.667	30.23		21.11	G_DRY	376	-		T
RAB-SD-5008-0000-01	ZD12MS			30.23		21.11	G_DRY	58			T
RAB-SD-5008-0000-01	ZD12MS			30.23		21.11	G_DRY	71			T
RAB-SD-5008-0000-01	ZD12MS			30.23		21.11	G_DRY	79			T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	76			T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	69			T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	157	&		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	79			T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	128	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	0	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	518	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	360	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	606	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	406	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	534	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	658	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	141	-		T
RAB-SD-5008-0000-01	ZD13MSD		16.670	31.84		21.09	G_DRY	1583	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	183	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	462	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	68			T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	1296	-		T
RAB-SD-5008-0000-01	ZD13MSD		16.670	31.84		21.09	G_DRY	1251	-		T
RAB-SD-5008-0000-01	ZD13MSD		1.667	31.84		21.09	G_DRY	480	-		T
RAB-SD-5008-0000-01	ZD13MSD			31.84		21.09	G_DRY	61			T
RAB-SD-5008-0000-01	ZD13MSD			31.84		21.09	G_DRY	75			T
RAB-SD-5008-0000-01	ZD13MSD			31.84		21.09	G_DRY	83			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	15.9			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	2.6			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	6.4			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	1.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	0.0			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	3.7			T
NA	ZD14SRM		1.667	1.25		1.03	G_DRY	1.8			T
NA	ZD14SRM			1.25		1.03	G_DRY	55			T
NA	ZD14SRM			1.25		1.03	G_DRY	67			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
NA	ZD14SRM	BATD	SRM	NA	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	68	%RECOVERY			
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	46.19	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	75.19	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	92.11	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	266.10	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	348.93	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	298.39	ng/g - dry wt			2.17
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	1690.92	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	2249.50	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	2838.64	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	2131.29	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	2489.00	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	2759.37	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	484.94	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	99.08	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	4234.69	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	192.42	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	2186.89	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	112.31	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	1611.47	ng/g - dry wt			10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	3700.41	ng/g - dry wt	D		10.87
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	27609.45	ng/g - dry wt			206.48
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	48	%RECOVERY			
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	54	%RECOVERY			
LPX-SD-4011-0000-01	ZD21DUP	BATD	DUPLICATE	07/10/01	07/25/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	51	%RECOVERY			
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	6.44	ng/g - dry wt	J		6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	18.55	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	34.11	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	58.90	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	147.54	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	278.56	ng/g - dry wt			1.33
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	693.32	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	796.85	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	822.04	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	594.68	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	804.33	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	981.97	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	178.98	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	35.86	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	1583.72	ng/g - dry wt	D		6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	80.68	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	649.22	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	19.05	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	794.74	ng/g - dry wt			6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	1329.73	ng/g - dry wt	D		6.63
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	9630.72	ng/g - dry wt			125.98
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	58	%RECOVERY			
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	77	%RECOVERY			
RAB-SD-5008-0000-01	W4950	BATD	NORMAL	07/09/01	08/03/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	86	%RECOVERY			
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	55.87	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	90.09	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	114.63	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	335.80	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	417.95	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	336.17	ng/g - dry wt			2.14
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	2111.23	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	2656.83	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	3316.38	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	2399.60	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	3195.57	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	3445.17	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	522.20	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	122.33	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	5419.80	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	242.55	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	2429.98	ng/g - dry wt	D		106.97

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
NA	ZD14SRM			1.25		1.03	G_DRY	68			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	46.19			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	75.19			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	92.11			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	266.10			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	348.93			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	298.39			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	1690.92	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	2249.50	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	2838.64	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	2131.29	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	2489.00	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	2759.37	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	484.94	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	99.08			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	4234.69	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	192.42			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	2186.89	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	112.31			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	1611.47			T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	3700.41	D		T
LPX-SD-4011-0000-01	ZD21DUP		1.667	74.50		7.67	G_DRY	27609.45			T
LPX-SD-4011-0000-01	ZD21DUP			74.50		7.67	G_DRY	48			T
LPX-SD-4011-0000-01	ZD21DUP			74.50		7.67	G_DRY	54			T
LPX-SD-4011-0000-01	ZD21DUP			74.50		7.67	G_DRY	51			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	6.44	J		T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	18.55			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	34.11	J		T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	58.90			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	147.54			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	278.56			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	693.32			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	796.85			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	822.04			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	594.68			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	804.33			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	981.97			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	178.98			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	35.86			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	1583.72			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	80.68			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	649.22			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	19.05			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	794.74			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	1329.73			T
RAB-SD-5008-0000-01	W4950		1.667	58.24		12.57	G_DRY	9630.72			T
RAB-SD-5008-0000-01	W4950			58.24		12.57	G_DRY	58			T
RAB-SD-5008-0000-01	W4950			58.24		12.57	G_DRY	77			T
RAB-SD-5008-0000-01	W4950			58.24		12.57	G_DRY	86			T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	55.87	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	90.09	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	114.63	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	335.80	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	417.95	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	336.17	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	2111.23	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	2656.83	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	3316.38	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	2399.60	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	3195.57	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	3445.17	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	522.20	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	122.33	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	5419.80	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	242.55	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	2429.98	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	132.16	ng/g - dry wt			10.70
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	2131.56	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	4702.76	ng/g - dry wt	D		106.97
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	33842.47	ng/g - dry wt			1358.55
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	54	%RECOVERY			
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	64	%RECOVERY			
LPX-SD-4011-0000-01	W4954	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	56	%RECOVERY			
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	30.42	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	74.78	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	151.13	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	192.79	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	433.35	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	258.29	ng/g - dry wt			2.39
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	2199.25	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	2517.31	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	3085.53	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	2076.71	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	2834.67	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	3408.89	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	492.72	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	143.89	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	5827.21	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	277.00	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	2183.35	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	93.82	ng/g - dry wt			11.96
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	2549.79	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	4961.58	ng/g - dry wt	D		119.59
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	33534.18	ng/g - dry wt			1518.84
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	50	%RECOVERY			
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	70	%RECOVERY			
GMP-SD-5007-0000-01	W4949	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	71	%RECOVERY			
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	40.26	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	66.88	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	113.84	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	236.79	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	369.98	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	349.35	ng/g - dry wt			1.97
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	2466.87	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	2633.03	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	4038.38	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	2732.88	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	3631.35	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	4144.06	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	628.43	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	118.50	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	6354.84	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	214.94	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	2906.51	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	98.97	ng/g - dry wt			9.86
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	2429.87	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	5228.66	ng/g - dry wt	D		98.61
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	38455.05	ng/g - dry wt			1252.35
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	52	%RECOVERY			
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	62	%RECOVERY			
APB-SD-4008-0000-01	W4951	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	64	%RECOVERY			
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	64.82	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	122.44	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	287.52	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	308.14	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	788.07	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	194.53	ng/g - dry wt			1.46
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	3828.86	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	4315.76	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	5099.55	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	3509.60	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	4802.01	ng/g - dry wt	D		292.37

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	132.18	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	2131.56	J		T
LPX-SD-4011-0000-01	W4954		16.670	74.60		7.79	G_DRY	4702.76	J		T
LPX-SD-4011-0000-01	W4954		1.667	74.60		7.79	G_DRY	33842.47	J		T
LPX-SD-4011-0000-01	W4954			74.60		7.79	G_DRY	54			T
LPX-SD-4011-0000-01	W4954			74.60		7.79	G_DRY	64			T
LPX-SD-4011-0000-01	W4954			74.60		7.79	G_DRY	56			T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	30.42	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	74.78	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	151.13	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	192.79	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	433.35	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	258.29	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	2199.25	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	2517.31	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	3085.53	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	2076.71	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	2834.67	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	3408.89	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	492.72	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	143.89	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	5827.21	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	277.00	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	2183.35	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	93.82	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	2549.79	J		T
GMP-SD-5007-0000-01	W4949		16.670	76.86		6.97	G_DRY	4961.58	J		T
GMP-SD-5007-0000-01	W4949		1.667	76.86		6.97	G_DRY	33534.18	J		T
GMP-SD-5007-0000-01	W4949			76.86		6.97	G_DRY	50			T
GMP-SD-5007-0000-01	W4949			76.86		6.97	G_DRY	70			T
GMP-SD-5007-0000-01	W4949			76.86		6.97	G_DRY	71			T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	40.28	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	66.88	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	113.84	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	236.79	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	369.98	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	349.35	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	2466.87	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	2633.03	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	4038.38	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	2732.88	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	3631.35	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	4144.06	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	628.43	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	118.50	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	6354.84	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	214.94	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	2906.51	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	98.97	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	2429.87	J		T
APB-SD-4008-0000-01	W4951		16.670	72.30		8.45	G_DRY	5228.66	J		T
APB-SD-4008-0000-01	W4951		1.667	72.30		8.45	G_DRY	38455.05	J		T
APB-SD-4008-0000-01	W4951			72.30		8.45	G_DRY	52			T
APB-SD-4008-0000-01	W4951			72.30		8.45	G_DRY	62			T
APB-SD-4008-0000-01	W4951			72.30		8.45	G_DRY	64			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	64.82			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	122.44			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	287.52			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	308.14			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	788.07			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	194.53			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	3828.86			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	4315.76			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	5099.55			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	3509.60			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	4802.01			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	5707.10	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	819.43	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	253.58	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	10343.86	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	435.14	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	3775.81	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	181.26	ng/g - dry wt			7.31
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	5178.94	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	8433.49	ng/g - dry wt	D		292.37
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	58255.36	ng/g - dry wt			3559.55
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	55	%RECOVERY			
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	71	%RECOVERY			
APB-SD-4009-0000-01	W4952	BATD	NORMAL	07/09/01	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	62	%RECOVERY			
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	85.03	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	136.08	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	263.36	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	89.66	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Anthracene	120-12-7	OS	BATD5-157	436.79	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	40.89	ng/g - dry wt			0.72
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	1499.94	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	1179.66	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	1588.89	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	869.89	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	1456.18	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Chrysene	218-01-9	OS	BATD5-157	2081.32	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	196.26	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	172.83	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	5097.93	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Fluorene	86-73-7	OS	BATD5-157	365.76	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	830.42	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	108.30	ng/g - dry wt			3.61
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	3311.94	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Pyrene	129-00-0	OS	BATD5-157	3954.64	ng/g - dry wt	D		144.30
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Total PAHs	NA	OS	BATD5-157	23724.86	ng/g - dry wt			1756.87
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	61	%RECOVERY			
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	71	%RECOVERY			
APB-SD-4010-0000-01	W4953	BATD	NORMAL	07/10/01	07/25/01	08/16/01		01-364	Chrysene-d12	NA	OS	BATD5-157	57	%RECOVERY			
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	35.45	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	98.48	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	327.21	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	428.56	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	1124.20	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	279.21	ng/g - dry wt			1.44
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	5427.47	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	6177.11	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	7481.75	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	4851.76	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	7302.25	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	8939.70	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	1089.40	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	273.01	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	16763.00	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	670.84	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	5253.09	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	185.14	ng/g - dry wt			7.21
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	8378.61	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	13143.06	ng/g - dry wt	D		288.26
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	87930.09	ng/g - dry wt			3509.59
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	61	%RECOVERY			
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	68	%RECOVERY			
LPX-SD-4012-0000-01	W4955	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	52	%RECOVERY			
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Biphenyl	92-52-4	OS	BATD5-157	43.59	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	2-Methylnaphthalene	91-57-6	OS	BATD5-157	65.58	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Acenaphthene	83-32-9	OS	BATD5-157	53.86	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Acenaphthylene	208-96-8	OS	BATD5-157	219.55	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Anthracene	120-12-7	OS	BATD5-157	226.96	ng/g - dry wt			12.27

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	5707.10			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	819.43			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	253.58			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	10343.86			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	435.14			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	3775.81			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	181.26			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	5178.94			T
APB-SD-4009-0000-01	W4952		66.680	62.43		11.40	G_DRY	8433.49			T
APB-SD-4009-0000-01	W4952		1.667	62.43		11.40	G_DRY	58255.36			T
APB-SD-4009-0000-01	W4952			62.43		11.40	G_DRY	55			T
APB-SD-4009-0000-01	W4952			62.43		11.40	G_DRY	71			T
APB-SD-4009-0000-01	W4952			62.43		11.40	G_DRY	62			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	86.03			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	136.08			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	263.36			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	89.66			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	436.79			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	40.89			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	1499.94			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	1179.66			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	1588.89			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	869.89			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	1456.18			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	2081.32			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	196.26			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	172.83			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	5097.93			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	365.76			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	830.42			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	108.30			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	3311.94			T
APB-SD-4010-0000-01	W4953		66.680	24.02		23.10	G_DRY	3954.64			T
APB-SD-4010-0000-01	W4953		1.667	24.02		23.10	G_DRY	23724.86			T
APB-SD-4010-0000-01	W4953			24.02		23.10	G_DRY	61			T
APB-SD-4010-0000-01	W4953			24.02		23.10	G_DRY	71			T
APB-SD-4010-0000-01	W4953			24.02		23.10	G_DRY	57			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	35.45			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	98.48			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	327.21			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	428.56			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	1124.20			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	279.21			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	5427.47			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	6177.11			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	7481.75			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	4851.76			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	7302.25			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	8939.70			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	1069.40			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	273.01			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	16763.00			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	670.84			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	5253.09			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	185.14			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	8378.61			T
LPX-SD-4012-0000-01	W4955		66.680	62.30		11.57	G_DRY	13143.06			T
LPX-SD-4012-0000-01	W4955		1.667	62.30		11.57	G_DRY	87930.09			T
LPX-SD-4012-0000-01	W4955			62.30		11.57	G_DRY	61			T
LPX-SD-4012-0000-01	W4955			62.30		11.57	G_DRY	68			T
LPX-SD-4012-0000-01	W4955			62.30		11.57	G_DRY	52			T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	43.59	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	65.58	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	53.86	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	219.55	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	226.96	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzaldehyde	100-52-7	OS	BATD5-157	190.76	ng/g - dry wt			2.45
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[a]anthracene	56-55-3	OS	BATD5-157	997.49	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[a]pyrene	50-32-8	OS	BATD5-157	1094.00	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	1781.65	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	1457.38	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	1539.33	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Chrysene	218-01-9	OS	BATD5-157	1481.44	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	362.99	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Dibenzofuran	132-64-9	OS	BATD5-157	75.63	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Fluoranthene	206-44-0	OS	BATD5-157	3044.30	ng/g - dry wt	D		12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Fluorene	86-73-7	OS	BATD5-157	135.39	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	1544.29	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Naphthalene	91-20-3	OS	BATD5-157	82.92	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Phenanthrene	85-01-8	OS	BATD5-157	1232.51	ng/g - dry wt			12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Pyrene	129-00-0	OS	BATD5-157	2741.18	ng/g - dry wt	D		12.27
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Total PAHs	NA	OS	BATD5-157	18180.04	ng/g - dry wt			233.04
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Naphthalene-d8	NA	OS	BATD5-157	48	%RECOVERY			
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Phenanthrene-d10	NA	OS	BATD5-157	65	%RECOVERY			
LPX-SD-4013-0000-01	W4956	BATD	NORMAL	07/10/01	07/25/01	08/17/01		01-364	Chrysene-d12	NA	OS	BATD5-157	60	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CROL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	190.76	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	997.49	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1094.00	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1781.65	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1457.38	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1539.33	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1481.44	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	362.99	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	75.63	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	3044.30	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	135.39	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1544.29	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	82.92	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	1232.51	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	2741.18	J		T
LPX-SD-4013-0000-01	W4956		1.667	77.58		6.80	G_DRY	18180.04	J		T
LPX-SD-4013-0000-01	W4956			77.58		6.80	G_DRY	48			T
LPX-SD-4013-0000-01	W4956			77.58		6.80	G_DRY	65			T
LPX-SD-4013-0000-01	W4956			77.58		6.80	G_DRY	60			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Biphenyl	92-52-4	OS	BATD5-157	30.48	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	2-Methylnaphthalene	91-57-6	OS	BATD5-157	94.53	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Acenaphthene	83-32-9	OS	BATD5-157	293.65	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Acenaphthylene	208-96-8	OS	BATD5-157	390.92	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Anthracene	120-12-7	OS	BATD5-157	860.07	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Benzaldehyde	100-52-7	OS	BATD5-157	459.40	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Benzo[a]anthracene	56-55-3	OS	BATD5-157	5528.50	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Benzo[a]pyrene	50-32-8	OS	BATD5-157	7040.30	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Benzo[b]fluoranthene	205-99-2	OS	BATD5-157	8635.11	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Benzo[g,h,i]perylene	191-24-2	OS	BATD5-157	5594.06	ng/g - dry wt	D		501.58
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Benzo[k]fluoranthene	207-08-9	OS	BATD5-157	8122.28	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Chrysene	218-01-9	OS	BATD5-157	9697.45	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Dibenz[a,h]anthracene	53-70-3	OS	BATD5-157	1237.92	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Dibenzofuran	132-64-9	OS	BATD5-157	274.32	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Fluoranthene	206-44-0	OS	BATD5-157	18646.58	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Fluorene	86-73-7	OS	BATD5-157	608.80	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Indeno[1,2,3-c,d]pyrene	193-39-5	OS	BATD5-157	6063.25	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Naphthalene	91-20-3	OS	BATD5-157	182.54	ng/g - dry wt			2.51
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Phenanthrene	85-01-8	OS	BATD5-157	8182.61	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Pyrene	129-00-0	OS	BATD5-157	14005.85	ng/g - dry wt	D		100.32
LPX-SD-071601-A	W5539-1	BATD	REPLICATE	07/16/01	09/24/01	10/11/01		01-499	Total PAHs	NA	OS	BATD5-157	95489.22	ng/g - dry wt			57.68

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	30.48			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	94.53			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	293.65			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	390.92			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	860.07			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	459.40			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	5528.50			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	7040.30			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	8635.11			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	5594.06			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	8122.28			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	9697.45			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	1237.92			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	274.32			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	18646.58			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	608.80			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	6063.25			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	182.54			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	8182.61			T
LPX-SD-071601-A	W5539-1		66.680	63.22		7.31	G_DRY	14005.85			T
LPX-SD-071601-A	W5539-1		1.667	63.22		7.31	G_DRY	95489.22			T

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Section 5
Metal, Methyl Mercury and AVS/SEM Results

QA/QC Narrative
Sediment and QC Results

US EPA ARCHIVE DOCUMENT

QA/QC Narrative

Metals, MeHg, AVS/SEM SEDIMENT QA/QC SUMMARY
SDG Number 3

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Metals (including Mercury), Methyl Mercury, and Acid Volatile Sulfide (AVS)/Simultaneously Extracted Metals (SEM)

LABORATORY: Battelle Marine Sciences Laboratory (MSL), Sequim, WA

MATRIX: Sediments (from invertebrate and crayfish locations)

SAMPLE CUSTODY: Sediment samples arrived at Battelle MSL in three events on July 11, July 15, and July 19, 2001. Two rinsate blank samples were received on July 18, 2001 and acidified. All samples were received in good condition and were logged into Battelle's sample tracking system.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved QL (µg/g dry)	Project Goals * (µg/g dry)
Beryllium	L-44 (ICP/AES)					0.016	1.65
Aluminum	L-44 (ICP/AES)					4.0	549
Vanadium	L-44 (ICP/AES)					1.08	2.22
Chromium	L-44 (ICP/AES)					1.0	0.772
Manganese	L-44 (ICP/AES)					0.064	288
Iron	L-44 (ICP/AES)					1.1	Not specified
Cobalt	L-42 (ICP/MS)					1.34	7.41
Nickel	L-44 (ICP/AES)					3.1	3.58
Copper	L-44 (ICP/AES)					0.39	9.56
Zinc	L-44 (ICP/AES)					0.38	6.86
Arsenic	L-42 (ICP/MS)	<5× MDL [a]	70-130 Recovery [b]	≤25%PD [c]	≤30% RPD [b,d]	2.0	0.097
Selenium	FIAS					1.06	0.271
Molybdenum	L-42 (ICP/MS)					1.6	Not specified
Silver	L-44 (ICP/AES)					0.36	1.37
Cadmium	L-42 (ICP/MS)					0.71	0.0294
Antimony	L-42 (ICP/MS)					0.08	0.329
Barium	L-44 (ICP/AES)					0.04	384
Thallium	L-42 (ICP/MS)					0.08	0.00165
Lead	L-42 (ICP/MS)					0.4	0.396
Mercury	L-41 (CVAF)					0.008	0.000727
Me Mercury	L-40 (CVAF)					0.0002	0.000242
SEM Ni	L-42 (ICP/MS)					0.4	
SEM Cu	L-42 (ICP/MS)					0.032	
SEM Zn	L-42 (ICP/MS)	<5× MDL [a]	70-130%R [b] *MS/MSD only*	≤25%PD [c]	≤30% RPD [b,d]	0.8	None specified
SEM Cd	L-42 (ICP/MS)					0.16	
SEM Pb	L-42 (ICP/MS)					0.08	
SEM Hg	L-41 (CVAF)					0.08	
AVS	NA	<5× MDL [a]	70-130%R [b] *LCS only*	NA	≤30% RPD [b,d]	2.43 wet	Not specified

[a] Or analyte concentrations in associated samples >10× blank values
[b] Analyte concentration in MS/MSD must be >5× background
[c] From certified values; certified values in SRM must be >5× MDL
[d] *Duplicate*: Analytes must be detected at level >10× MDL

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METHOD: Sediment samples from invertebrate and crayfish locations were prepared and analyzed for 20 metals (including Hg), Methyl mercury, and AVS/SEM following methods described in Battelle's Quality Assurance Project Plan (Battelle, 2001). Briefly,

Sample Preparation – Twenty-two (22) sediment samples were analyzed for:

- cobalt (Co), arsenic (As), molybdenum (Mo), cadmium (Cd), antimony (Sb), thallium (Tl) and lead (Pb) by inductively coupled plasma mass spectroscopy (ICP/MS) following EPA Method 1638-M;
- beryllium (Be), aluminum (Al), vanadium (V), chromium (Cr), manganese (Mn), iron (Fe), nickel (Ni), copper (Cu), zinc (Zn), silver (Ag), and barium (Ba), by ICP/AES following SW6010B-M/L-44;
- selenium. (Se) by flow- injection atomic spectroscopy (FIAS) following a modification of SW846 Methods 7062 and 7742;
- mercury (Hg) and Methyl mercury (MeHg) by cold vapor atomic fluorescence (CVAF) following EPA Method 1631c and Bloom (1989), respectively;
- SEM Ni, Cu, Zn, Cd, and Pb by ICP/MS following EPA method 1638-M;
- AVS following SOP MSL-C-001, and
- percent dry weight following SOP MSL-C-003

Two (2) rinsate blanks were analyzed for

- beryllium (Be), aluminum (Al), cobalt (Co), nickel (Ni), copper, (Cu), zinc (Zn), arsenic (As), molybdenum (Mo), silver (Ag), cadmium (Cd), antimony (Sb), barium (Ba), thallium (Tl) and lead (Pb) by inductively coupled plasma mass spectroscopy (ICP/MS) following EPA Method 1638-M;
- vanadium (V), chromium (Cr), manganese (Mn), and iron (Fe), by ICP/AES following SW6010B-M/L-44;
- selenium (Se) by flow- injection atomic spectroscopy (FIAS) following a modification of SW846 Methods 7062 and 7742; and
- mercury (Hg) by cold vapor atomic fluorescence (CVAF) following EPA Method 1631c.

Selenium was analyzed by FIAS instead of ICP/MS or ICP/AES as it is a more sensitive method for this metal and allowed us to achieve the detection limit required.

To prepare sediment samples for AVS/SEM analysis, samples were homogenized wet, a small aliquot removed and acid digested to drive the sulfide into a sodium hydroxide trap and to dissolve the metals. Digestates were analyzed following the methods discussed above.

To prepare sediment samples for metals analysis, each was weighed wet, placed in a low-temperature freezer (–70°C ± 10°C), then freeze-dried. When dry, samples were weighed, then ball-milled using a Spex Mill. Approximately 0.2 g of sediment was digested with concentrated nitric acid, diluted and analyzed by the methods discussed above.

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METHOD (cont):

SEM Hg was originally placed in Teflon vials to await analysis. Inadvertently, the samples were transferred into poly bottles for long-term storage prior to Hg analysis, but after metals analysis. Results for Hg show trends similar to the metals and all QC were excellent, therefore, this accidental method deviation does not appear to impact the data. A method deviation form has been completed and is included as part of this data package.

Samples were digested and analyzed for MeHg following the method discussed above.

To prepare rinsate samples for analysis, each was acidified upon arrival at Battelle MSL. Samples analyzed by FIAS were pre-treated prior to analysis using hydrochloric acid for Se. Pre-treatment is necessary to obtain the oxidation state of each metal that will provide the greatest sensitivity by this method. Samples analyzed for Hg by CVAF were pre-treated with bromine chloride and stannous chloride to oxidize and convert all Hg compounds to volatile Hg which is subsequently trapped onto a gold-coated sand trap.

HOLDING TIMES:

All samples were digested and analyzed within the holding time for metals in dried sediments, the 14 day holding time for AVS/SEM and the 28-day holding time for MeHg in sediments and Hg and MeHg in water. The following list summarizes all analysis dates:

Parameter/Method	Extraction Date	Analysis Date
AVS	7/20 - 25/2001	7/20 – 25/2001
SEM	7/20 - 25/2001	8/7/2001
SEM Cd	7/20 - 25/2001	11/6/2001
SEM Hg	7/20 - 25/2001	10/31/2001
Total Hg (seds)	8/8/2001	8/15/2001
MeHg (seds)	7/26, 7/30/2001	7/27, 7/31/2001
ICP/MS (seds)	8/8/2001	8/15/2001
ICP/AES (seds)	8/8/2001	8/31/2001
FIAS, Se (seds)	8/8/2001	9/10/2001
Hg (water)	NA	8/2 – 3/2001
MeHg (water)	8/6/2001	8/7/2001
ICP/MS (direct water)	NA	8/15/2001
FIAS, Se (water)	NA	8/15/2001
ICP/AES (water)	NA	8/13/2001

DETECTION LIMITS:

Metals, MeHg and AVS/SEM results are reported relative to the quantitation reporting limits (also referred to as QL in the QAPP) for that compound. The QL was calculated as four times the method detection limit (MDL). MDLs provided in the QAPP were determined by multiplying the standard deviation of the results for a minimum of 7 replicate low level spikes by the Student's t value at the 99th percentile.

Achieved QLs met the project detection limit goals for all metals except Arsenic, Cadmium, Chromium, Mercury, Selenium, and Thallium. No project detection limit goals were provided for AVS and SEM metals.

As noted in the QAPP, the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods. If detection limits cannot be achieved, this will be addressed in the uncertainty discussions in the risk assessment.

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Metals, MeHg, AVS/SEM SEDIMENT QA/QC SUMMARY
SDG Number 3

BLANKS:

A minimum of three method blanks were analyzed with this batch of samples for all methods, except SEM metals and AVS, where one method blank was analyzed with the batch.

Results were less than the MDL and/or quantitation limit for all metals, except Zn, Ba, and SEM Zn. The blank results for Zn and Ba were less than 5 times the QL and much lower than the sample concentrations. The SEM blank for Zn was relatively high and could impact the data, however, the extraction holding time was already exceeded prior to analysis. The actual result for Zn in the digestate was not unusually high (2. 891 µg/L), however, when the result if manipulated by calculation to obtain the SEM result, it appears quite high. Contamination is likely, as Zn is one of the most easily contaminated metals.

LABORATORY CONTROL SAMPLE

Three reagent water samples were fortified with AVS and all metals except Iron. An LCS was not required for SEM metals or MeHg. The percent recoveries of target analytes were calculated to measure data quality in terms of accuracy.

With one exception, recoveries were within the QC limits of 70-130% for all metals and AVS. AVS was recovered slightly above the upper QC limit in the second LCS (133%). This QC exceedence is flagged on the final report tables.

MATRIX SPIKES:

A minimum of one sample was spiked in duplicate with all metals, except Al and Fe, where native concentrations are normally extremely high for sediments and accurate recoveries are unlikely, and for every method, except AVS. Recovery data for the MS and MSD were used to monitor data quality in terms of accuracy and precision.

Recoveries were within the QC limits of 70-130% for all metals, except Cr, Mn, Zn, Ba, and Pb, where the spiking level was inappropriate to the native sample concentration.

Recovery criteria were also exceeded for Sb due to the weak digestion requested, Sb probably precipitated out of solution during the dilution step. Low recoveries may suggest that sample data for Sb is biased low.

Replicate precision for the MS/MSD was within the criteria of ±30% for all metals, except those noted above.

All exceedances were flagged as appropriate.

REPLICATES:

A minimum of one sample was analyzed in duplicate for each metal and each method. Precision for duplicate analysis is reported by calculating the relative percent difference (RPD) between the replicate results. RPD data are used to measure data quality in terms of precision.

RPD values were within the QC limits of ±30% for all metals, except one of two duplicates for As. All other QC for As were within the criteria, therefore, no corrective action was taken. Results that were less than the quantitation limit were not calculated, although the actual values have been provided.

Field replicates – precision between field replicates was <30% RPD for all parameters except Cr, Mo, Sb, SEM Cd, SEM Hg, and AVS/SEM (ratio).

SRM: A minimum of one matrix-appropriate standard reference material (SRM) was analyzed for each metal and each method, as follows:

- **1640** – a natural water obtained from the National Institute of Science and Technology was analyzed for SEM metals;
- **2704** – a river sediment obtained from the National Bureau of Standards was analyzed for metals,
- **2711** – a soil obtained from the National Institute of Science and Technology was analyzed for metals;
- **1944** – a soil obtained from the National Institute of Science and Technology was analyzed for MeHg; and
- **IAEA-356** – a sediment sample, was analyzed for MeHg.

The percent difference (PD) between detected concentrations and certified values was calculated to measure data quality in terms of accuracy.

SRM 1640 has 22 certified metals. Percent difference (PD) for all metals reported were within the control limit of ±25% of the certified value.

SRM 2704 is certified for 25 metals, of which Be, Mo and Ag are not one. PDs for all certified metals were within the control limit of ±25% of the certified value, except Al, Cr, Se, Sb and one replicate for Tl. Al and Cr are crustal metals that are difficult to dissolve in a weak leach-type digestion as was used for these sediments. Recoveries should be expected to be low. The Se certified value is less than the QL and recoveries are slightly low. Thallium is not-certified in this SRM, however results were near the estimated concentration.

SRM 2711 is certified for 25 metals, of which Be, Cr, Co, and Mo are not one. PD for all certified metals were within the criteria of ±25%, except Al, Mo, and Sb. Al recoveries were low for the same reason stated for SRM 2704; recoveries for Mo were low for the same reason stated for Se in SRM 2704; recoveries for Sb were low for the same reason stated for Sb in SRM 2704.

SRM IAEA-356 is certified for MeHg. PD values were 25% and 27%.

SRM 1944 is also certified for MeHg. PD values were within the criteria (5% an d7%).

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support.* Tasks 19-22 QAPP prepared under contract to USACE NAE. Delivery Order #59. May 23, 2001. 509pp + apps.

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	4.67	µg/g - dry wt			0.016
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	20568	µg/g - dry wt			4.0
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	43.7	µg/g - dry wt			1.08
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	109	µg/g - dry wt			1.0
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	1019	µg/g - dry wt			0.064
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	28339	µg/g - dry wt			1.1
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	15.3	µg/g - dry wt			1.34
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	51.5	µg/g - dry wt			3.1
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	189	µg/g - dry wt			0.39
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	736	µg/g - dry wt			0.38
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	7.03	µg/g - dry wt			2.00
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	1.06	µg/g - dry wt	J		1.06
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	7.01	µg/g - dry wt			1.6
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	2.21	µg/g - dry wt			0.36
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	3.68	µg/g - dry wt			0.710
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.368	µg/g - dry wt			0.080
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	293	µg/g - dry wt			0.040
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.524	µg/g - dry wt			0.080
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	293	µg/g - dry wt			0.400
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.580	µg/g - dry wt			0.008
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	7/20/2001		3	AVS	N/A	M	MSL-C-001	304	µg/g - dry wt			2.43
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	19.2	µg/g - dry wt			0.4
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	53.4	µg/g - dry wt			0.032
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	608	µg/g - dry wt			0.8
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	3.03	µg/g - dry wt			0.16
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	271	µg/g - dry wt			0.08
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00873	µg/g - dry wt	J		0.08
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001				3	AVS/SEM		M		4.81				
GMP-SD-5007-0000-01	1678*116	MSL	NORMAL	7/9/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000142	µg/g - dry wt	J		0.0002
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	2.66	µg/g - dry wt			0.016
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	21774	µg/g - dry wt			4.0
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	32.0	µg/g - dry wt			1.08
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	17.5	µg/g - dry wt			1.0
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	830	µg/g - dry wt			0.064
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	23357	µg/g - dry wt			1.1
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	10.1	µg/g - dry wt			1.34
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	19.7	µg/g - dry wt			3.1
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	23.5	µg/g - dry wt			0.39
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	227	µg/g - dry wt			0.38
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	5.21	µg/g - dry wt			2.00
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.582	µg/g - dry wt	J		1.06
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	1.59	µg/g - dry wt	J		1.6
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	0.302	µg/g - dry wt	J		0.36
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	0.858	µg/g - dry wt			0.710
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.0103	µg/g - dry wt	J		0.080
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	204	µg/g - dry wt			0.040
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.354	µg/g - dry wt			0.080
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	88.6	µg/g - dry wt			0.400
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.113	µg/g - dry wt			0.008
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	235	µg/g - dry wt			2.43
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	5.71	µg/g - dry wt			0.4
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	9.78	µg/g - dry wt			0.032

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	4.67			T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	20568	J		T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	43.7			T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	109	J		T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	1019	J		T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	28339			T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	15.3			T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	51.5			T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	189			T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	736	J		T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	7.03	J		T
GMP-SD-5007-0000-01	1678*116		10.174	83.3		0.196	G_DRY	1.06	J		T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	7.01			T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	2.21			T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	3.68			T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	0.368	J		T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	293	J		T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	0.524	J		T
GMP-SD-5007-0000-01	1678*116		1.038	83.3		0.196	G_DRY	293	J		T
GMP-SD-5007-0000-01	1678*116		2	83.3		0.196	G_DRY	0.580	J		T
GMP-SD-5007-0000-01	1678*116		1	83.3		0.200	G_DRY	304	J		T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY	19.2			T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY	53.4			T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY	608			T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY	3.03	J		T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY	271			T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY	0.00873	J		T
GMP-SD-5007-0000-01	1678*116							4.81			T
GMP-SD-5007-0000-01	1678*116		1	83.3		1.342	G_DRY	0.000142	J		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	2.66			T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	21774	J		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	32.0			T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	17.5	J		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	830	J		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	23357			T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	10.1			T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	19.7			T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	23.5			T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	227	J		T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	5.21	J		T
RAB-SD-5008-0000-01	1678*117		10.279	69.9		0.200	G_DRY	0.582	U		T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	1.59	J		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	0.302	J		T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	0.858			T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	0.0103	U		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	204	J		T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	0.354	J		T
RAB-SD-5008-0000-01	1678*117		1.028	69.9		0.200	G_DRY	88.6	J		T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.200	G_DRY	0.113	J		T
RAB-SD-5008-0000-01	1678*117		1	69.9		0.140	G_DRY	235	J		T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.140	G_DRY	5.71			T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.140	G_DRY	9.78			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	165	µg/g - dry wt			0.8
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.0539	µg/g - dry wt	J		0.16
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	73.9	µg/g - dry wt			0.08
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00377	µg/g - dry wt	J		0.08
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001				3	AVS/SEM		M		7.80				
RAB-SD-5008-0000-01	1678*117	MSL	NORMAL	7/9/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000258	µg/g - dry wt			0.0002
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	4.12	µg/g - dry wt			0.016
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	22168	µg/g - dry wt			4.0
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	56.4	µg/g - dry wt			1.08
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	186	µg/g - dry wt			1.0
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	936	µg/g - dry wt			0.064
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	30051	µg/g - dry wt			1.1
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	16.5	µg/g - dry wt			1.34
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	94.6	µg/g - dry wt			3.1
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	206	µg/g - dry wt			0.39
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	1123	µg/g - dry wt			0.38
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	5.38	µg/g - dry wt			2.00
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.806	µg/g - dry wt	J		1.06
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	13.3	µg/g - dry wt			1.6
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	2.37	µg/g - dry wt			0.36
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	5.02	µg/g - dry wt			0.710
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.196	µg/g - dry wt			0.080
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	292	µg/g - dry wt			0.040
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.541	µg/g - dry wt			0.080
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	396	µg/g - dry wt			0.400
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.673	µg/g - dry wt			0.008
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	116	µg/g - dry wt			2.43
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	41.8	µg/g - dry wt			0.4
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	69.7	µg/g - dry wt			0.032
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	924	µg/g - dry wt			0.8
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	2.22	µg/g - dry wt			0.16
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	331	µg/g - dry wt			0.08
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0166	µg/g - dry wt	J		0.08
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001				3	AVS/SEM		M		0.845				
APB-SD-4008-0000-01	1678*118	MSL	NORMAL	7/9/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000926	µg/g - dry wt			0.0002
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	2.50	µg/g - dry wt			0.016
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	16155	µg/g - dry wt			4.0
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	45.9	µg/g - dry wt			1.08
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	166	µg/g - dry wt			1.0
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	728	µg/g - dry wt			0.064
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	21582	µg/g - dry wt			1.1
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	10.1	µg/g - dry wt			1.34
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	31.8	µg/g - dry wt			3.1
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	124	µg/g - dry wt			0.39
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	548	µg/g - dry wt			0.38
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	3.78	µg/g - dry wt			2.00
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.596	µg/g - dry wt	J		1.06
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	12.3	µg/g - dry wt			1.6
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	1.26	µg/g - dry wt			0.36
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	2.49	µg/g - dry wt			0.710
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.315	µg/g - dry wt			0.080
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	223	µg/g - dry wt			0.040

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RAB-SD-5008-0000-01	1678*117		10	69.9		0.140	G_DRY	165	U		T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.140	G_DRY	0.0539	J		T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.140	G_DRY	73.9			T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.140	G_DRY	0.00377	J		T
RAB-SD-5008-0000-01	1678*117							7.80			T
RAB-SD-5008-0000-01	1678*117		1	69.9		1.53	G_DRY	0.000258	J		T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	4.12			T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	22168	J		T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	56.4			T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	186	J		T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	936	J		T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	30051			T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	16.5			T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	94.6			T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	206			T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	1123	J		T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	5.38	J		T
APB-SD-4008-0000-01	1678*118		10.237	75.5		0.198	G_DRY	0.806	J		T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	13.3			T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	2.37			T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	5.02			T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	0.196	U		T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	292	J		T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	0.541	J		T
APB-SD-4008-0000-01	1678*118		1.034	75.5		0.198	G_DRY	396	J		T
APB-SD-4008-0000-01	1678*118		2	75.5		0.198	G_DRY	0.673	J		T
APB-SD-4008-0000-01	1678*118		1	75.5		0.070	G_DRY	116	J		T
APB-SD-4008-0000-01	1678*118		10	75.5		0.070	G_DRY	41.8			T
APB-SD-4008-0000-01	1678*118		10	75.5		0.070	G_DRY	69.7			T
APB-SD-4008-0000-01	1678*118		10	75.5		0.070	G_DRY	924			T
APB-SD-4008-0000-01	1678*118		10	75.5		0.070	G_DRY	2.22	J		T
APB-SD-4008-0000-01	1678*118		10	75.5		0.070	G_DRY	331			T
APB-SD-4008-0000-01	1678*118		10	75.5		0.070	G_DRY	0.0166	J		T
APB-SD-4008-0000-01	1678*118							0.845			T
APB-SD-4008-0000-01	1678*118		1	75.5		1.083	G_DRY	0.000926	J		T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	2.50			T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	16155	J		T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	45.9			T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	166	J		T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	728	J		T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	21582			T
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	10.1			T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	31.8			T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	124			T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	548	J		T
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	3.78	J		T
APB-SD-4009-0000-01	1678*119		10.241	61.5		0.198	G_DRY	0.596	U		T
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	12.3			T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	1.26			T
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	2.49			T
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	0.315	U		T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	223	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.377	µg/g - dry wt			0.080
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	258	µg/g - dry wt			0.400
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.632	µg/g - dry wt			0.008
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	325.0	µg/g - dry wt			2.43
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	11.4	µg/g - dry wt			0.4
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	43.5	µg/g - dry wt			0.032
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	432	µg/g - dry wt			0.8
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	1.74	µg/g - dry wt			0.16
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	199	µg/g - dry wt			0.08
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0112	µg/g - dry wt	J		0.08
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001				3	AVS/SEM		M		3.110				
APB-SD-4009-0000-01	1678*119	MSL	NORMAL	7/9/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.00285	µg/g - dry wt			0.0002
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	0.441	µg/g - dry wt			0.016
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	5759	µg/g - dry wt			4.0
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	17.4	µg/g - dry wt			1.08
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	150	µg/g - dry wt			1.0
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	256	µg/g - dry wt			0.064
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	10358	µg/g - dry wt			1.1
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	2.69	µg/g - dry wt			1.34
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	5.41	µg/g - dry wt			3.1
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	29.9	µg/g - dry wt			0.39
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	131	µg/g - dry wt			0.38
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	1.40	µg/g - dry wt	J		2.00
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.245	µg/g - dry wt	J		1.06
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	1.24	µg/g - dry wt	J		1.6
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	0.359	µg/g - dry wt	J		0.36
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	0.941	µg/g - dry wt			0.710
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.0566	µg/g - dry wt	J		0.080
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	39.5	µg/g - dry wt			0.040
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.168	µg/g - dry wt			0.080
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	191	µg/g - dry wt			0.400
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.924	µg/g - dry wt			0.008
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	55.7	µg/g - dry wt			2.43
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	1.68	µg/g - dry wt			0.4
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	11.6	µg/g - dry wt			0.032
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	65.6	µg/g - dry wt			0.8
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.520	µg/g - dry wt			0.16
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	95.7	µg/g - dry wt			0.08
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0634	µg/g - dry wt	J		0.08
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001				3	AVS/SEM		M		1.28				
APB-SD-4010-0000-01	1678*120	MSL	NORMAL	7/10/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000196	µg/g - dry wt	J		0.0002
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	4.13	µg/g - dry wt			0.016
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	27773	µg/g - dry wt			4.0
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	62.0	µg/g - dry wt			1.08
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	259	µg/g - dry wt			1.0
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	1321	µg/g - dry wt			0.064
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	31842	µg/g - dry wt			1.1
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	17.2	µg/g - dry wt			1.34
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	105	µg/g - dry wt			3.1
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	244	µg/g - dry wt			0.39
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	917	µg/g - dry wt			0.38
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	6.13	µg/g - dry wt			2.00

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	0.377	J		T
APB-SD-4009-0000-01	1678*119		1.034	61.5		0.198	G_DRY	258	J		T
APB-SD-4009-0000-01	1678*119		2	61.5		0.198	G_DRY	0.632	J		T
APB-SD-4009-0000-01	1678*119		1	61.5		0.110	G_DRY	325	J		T
APB-SD-4009-0000-01	1678*119		10	61.5		0.110	G_DRY	11.4			T
APB-SD-4009-0000-01	1678*119		10	61.5		0.110	G_DRY	43.5			T
APB-SD-4009-0000-01	1678*119		10	61.5		0.110	G_DRY	432			T
APB-SD-4009-0000-01	1678*119		10	61.5		0.110	G_DRY	1.74	J		T
APB-SD-4009-0000-01	1678*119		10	61.5		0.110	G_DRY	199			T
APB-SD-4009-0000-01	1678*119		10	61.5		0.110	G_DRY	0.0112	J		T
APB-SD-4009-0000-01	1678*119							3.110			T
APB-SD-4009-0000-01	1678*119		1	61.5		0.961	G_DRY	0.00285	J		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	0.441			T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	5759	J		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	17.4			T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	150	J		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	256	J		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	10358			T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	2.69			T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	5.41			T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	29.9			T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	131	J		T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	1.40	J		T
APB-SD-4010-0000-01	1678*120		10.25	19.2		0.199	G_DRY	0.245	U		T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	1.24	J		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	0.359	J		T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	0.941			T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	0.0566	U		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	39.5	J		T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	0.168	J		T
APB-SD-4010-0000-01	1678*120		1.03	19.2		0.199	G_DRY	191	J		T
APB-SD-4010-0000-01	1678*120		2	19.2		0.199	G_DRY	0.924	J		T
APB-SD-4010-0000-01	1678*120		1	19.2		0.270	G_DRY	55.7	J		T
APB-SD-4010-0000-01	1678*120		10	19.2		0.270	G_DRY	1.68	J		T
APB-SD-4010-0000-01	1678*120		10	19.2		0.270	G_DRY	11.6	J		T
APB-SD-4010-0000-01	1678*120		10	19.2		0.270	G_DRY	65.6	U		T
APB-SD-4010-0000-01	1678*120		10	19.2		0.270	G_DRY	0.520	J		T
APB-SD-4010-0000-01	1678*120		10	19.2		0.270	G_DRY	95.7	J		T
APB-SD-4010-0000-01	1678*120		10	19.2		0.270	G_DRY	0.0634	J		T
APB-SD-4010-0000-01	1678*120							1.28			T
APB-SD-4010-0000-01	1678*120		1	19.2		1.197	G_DRY	0.000196	J		T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	4.13			T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	27773	J		T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	62.0			T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	259	J		T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	1321	J		T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	31842			T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	17.2			T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	105			T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	244			T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	917	J		T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	6.13	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.815	µg/g - dry wt	J		1.06
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	10.9	µg/g - dry wt			1.6
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	4.31	µg/g - dry wt			0.36
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	4.65	µg/g - dry wt			0.710
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.135	µg/g - dry wt			0.080
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	373	µg/g - dry wt			0.040
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.712	µg/g - dry wt			0.080
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	613	µg/g - dry wt			0.400
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.804	µg/g - dry wt			0.008
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	328	µg/g - dry wt			2.43
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	62.2	µg/g - dry wt			0.4
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	91.7	µg/g - dry wt			0.032
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	786	µg/g - dry wt			0.8
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	1.19	µg/g - dry wt			0.16
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	587	µg/g - dry wt			0.08
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0265	µg/g - dry wt	J		0.08
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001				3	AVS/SEM		M		2.77				
LPX-SD-4011-0000-01	1678*121	MSL	NORMAL	7/10/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000259	µg/g - dry wt			0.0002
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	4.36	µg/g - dry wt			0.016
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	25502	µg/g - dry wt			4.0
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	91.7	µg/g - dry wt			1.08
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	257	µg/g - dry wt			1.0
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	276	µg/g - dry wt			0.064
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	41293	µg/g - dry wt			1.1
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	26.6	µg/g - dry wt			1.34
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	107	µg/g - dry wt			3.1
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	178	µg/g - dry wt			0.39
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	1662	µg/g - dry wt			0.38
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	13.2	µg/g - dry wt			2.00
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	1.57	µg/g - dry wt			1.06
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	8.47	µg/g - dry wt			1.6
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	4.15	µg/g - dry wt			0.36
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	6.25	µg/g - dry wt			0.710
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.969	µg/g - dry wt			0.080
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	162	µg/g - dry wt			0.040
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.883	µg/g - dry wt			0.080
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	567	µg/g - dry wt			0.400
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.739	µg/g - dry wt			0.008
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	118	µg/g - dry wt			2.43
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	14.9	µg/g - dry wt			0.4
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	58.5	µg/g - dry wt			0.032
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	1287	µg/g - dry wt			0.8
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	3.16	µg/g - dry wt			0.16
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	492	µg/g - dry wt			0.08
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0205	µg/g - dry wt	J		0.08
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001				3	AVS/SEM		M		1.21				
LPX-SD-4012-0000-01	1678*122	MSL	NORMAL	7/10/2001	7/26/2001	7/27/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000579	µg/g - dry wt			0.0002
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	1.47	µg/g - dry wt			0.016
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	19322	µg/g - dry wt			4.0
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	51.0	µg/g - dry wt			1.08
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	151	µg/g - dry wt			1.0
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	648	µg/g - dry wt			0.064

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4011-0000-01	1678*121		10.287	78.7		0.197	G_DRY	0.815	J		T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	10.9			T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	4.31			T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	4.65			T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	0.135	U		T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	373	J		T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	0.712	J		T
LPX-SD-4011-0000-01	1678*121		1.044	78.7		0.197	G_DRY	613	J		T
LPX-SD-4011-0000-01	1678*121		2	78.7		0.197	G_DRY	0.804	J		T
LPX-SD-4011-0000-01	1678*121		1	78.7		0.0500	G_DRY	328	J		T
LPX-SD-4011-0000-01	1678*121		10	78.7		0.0500	G_DRY	62.2	J		T
LPX-SD-4011-0000-01	1678*121		10	78.7		0.0500	G_DRY	91.7	J		T
LPX-SD-4011-0000-01	1678*121		10	78.7		0.0500	G_DRY	786	J		T
LPX-SD-4011-0000-01	1678*121		10	78.7		0.0500	G_DRY	1.19	J		T
LPX-SD-4011-0000-01	1678*121		10	78.7		0.0500	G_DRY	587	J		T
LPX-SD-4011-0000-01	1678*121		10	78.7		0.0500	G_DRY	0.0265	J		T
LPX-SD-4011-0000-01	1678*121							2.77			T
LPX-SD-4011-0000-01	1678*121		1	78.7		1.914	G_DRY	0.000259	J		T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	4.36			T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	25502	J		T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	91.7			T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	257	J		T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	276	J		T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	41293			T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	26.6			T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	107			T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	178			T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	1662	J		T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	13.2	J		T
LPX-SD-4012-0000-01	1678*122		10.179	85.6		0.196	G_DRY	1.57	J		T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	8.47			T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	4.15			T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	6.25			T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	0.969	J		T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	162	J		T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	0.883	J		T
LPX-SD-4012-0000-01	1678*122		1.039	85.6		0.196	G_DRY	567	J		T
LPX-SD-4012-0000-01	1678*122		2	85.6		0.196	G_DRY	0.739	J		T
LPX-SD-4012-0000-01	1678*122		1	85.6		0.0900	G_DRY	118	J		T
LPX-SD-4012-0000-01	1678*122		10	85.6		0.0900	G_DRY	14.9	J		T
LPX-SD-4012-0000-01	1678*122		10	85.6		0.0900	G_DRY	58.5	J		T
LPX-SD-4012-0000-01	1678*122		10	85.6		0.0900	G_DRY	1287	J		T
LPX-SD-4012-0000-01	1678*122		10	85.6		0.0900	G_DRY	3.16	J		T
LPX-SD-4012-0000-01	1678*122		10	85.6		0.0900	G_DRY	492	J		T
LPX-SD-4012-0000-01	1678*122		10	85.6		0.0900	G_DRY	0.0205	J		T
LPX-SD-4012-0000-01	1678*122							1.21			T
LPX-SD-4012-0000-01	1678*122		1	85.6		1.117	G_DRY	0.000579	J		T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	1.47			T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	19322	J		T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	51.0			T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	151	J		T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	648	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	27252	µg/g - dry wt			1.1
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	9.46	µg/g - dry wt			1.34
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	41.1	µg/g - dry wt			3.1
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	140	µg/g - dry wt			0.39
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	482	µg/g - dry wt			0.38
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	4.20	µg/g - dry wt			2.00
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.491	µg/g - dry wt	J		1.06
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	2.83	µg/g - dry wt			1.6
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	1.06	µg/g - dry wt			0.36
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	2.62	µg/g - dry wt			0.710
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.0818	µg/g - dry wt			0.080
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	191	µg/g - dry wt			0.040
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.448	µg/g - dry wt			0.080
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	382	µg/g - dry wt			0.400
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.286	µg/g - dry wt			0.008
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	326	µg/g - dry wt			2.43
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	18.2	µg/g - dry wt			0.4
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	55.6	µg/g - dry wt			0.032
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	393	µg/g - dry wt			0.8
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	1.95	µg/g - dry wt			0.16
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	328	µg/g - dry wt			0.08
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00995	µg/g - dry wt	J		0.08
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001				3	AVS/SEM		M		3.07				
LPX-SD-4013-0000-01	1678*123	MSL	NORMAL	7/10/2001	7/30/2001	7/31/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000454	µg/g - dry wt			0.0002
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	5.07	µg/g - dry wt			0.016
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	24690	µg/g - dry wt			4.0
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	49.2	µg/g - dry wt			1.08
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	171	µg/g - dry wt			1.0
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	1004	µg/g - dry wt			0.064
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	28019	µg/g - dry wt			1.1
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	12.9	µg/g - dry wt			1.34
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	72.3	µg/g - dry wt			3.1
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	269	µg/g - dry wt			0.39
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	854	µg/g - dry wt			0.38
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	6.14	µg/g - dry wt			2.00
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	1.03	µg/g - dry wt	J		1.06
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	8.26	µg/g - dry wt			1.6
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	3.26	µg/g - dry wt			0.36
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	4.35	µg/g - dry wt			0.710
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.367	µg/g - dry wt			0.080
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	374	µg/g - dry wt			0.040
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.696	µg/g - dry wt			0.080
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	543	µg/g - dry wt			0.400
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.757	µg/g - dry wt			0.008
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	223	µg/g - dry wt			2.43
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	39.3	µg/g - dry wt			0.4
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	94.1	µg/g - dry wt			0.032
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	790	µg/g - dry wt			0.8
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	2.62	µg/g - dry wt			0.16
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	596	µg/g - dry wt			0.08
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0142	µg/g - dry wt	J		0.08
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001				3	AVS/SEM		M		2.55				

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	27252			T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	9.46			T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	41.1			T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	140			T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	482	J		T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	4.20			T
LPX-SD-4013-0000-01	1678*123		10.263	62.3		0.198	G_DRY	0.491	U		T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	2.83			T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	1.06			T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	2.62			T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	0.0818	U		T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	191	J		T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	0.448	J		T
LPX-SD-4013-0000-01	1678*123		1.037	62.3		0.198	G_DRY	382	J		T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.198	G_DRY	0.286	J		T
LPX-SD-4013-0000-01	1678*123		1	62.3		0.130	G_DRY	326	J		T
LPX-SD-4013-0000-01	1678*123		10	62.3		0.130	G_DRY	18.2	J		T
LPX-SD-4013-0000-01	1678*123		10	62.3		0.130	G_DRY	55.6	J		T
LPX-SD-4013-0000-01	1678*123		10	62.3		0.130	G_DRY	393	J		T
LPX-SD-4013-0000-01	1678*123		10	62.3		0.130	G_DRY	1.95	J		T
LPX-SD-4013-0000-01	1678*123		10	62.3		0.130	G_DRY	328	J		T
LPX-SD-4013-0000-01	1678*123		10	62.3		0.130	G_DRY	0.00995	J		T
LPX-SD-4013-0000-01	1678*123							3.07			T
LPX-SD-4013-0000-01	1678*123		1	62.3		1.212	G_DRY	0.000454	J		T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	5.07			T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	24690	J		T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	49.2			T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	171	J		T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	1004	J		T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	28019			T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	12.9			T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	72.3			T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	269			T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	854	J		T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	6.14	J		T
GMP-SD-5002-0000-01	1678*154		10.162	84.0		0.198	G_DRY	1.03	J		T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	8.26			T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	3.26			T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	4.35			T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	0.367	J		T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	374	J		T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	0.696	J		T
GMP-SD-5002-0000-01	1678*154		1.026	84.0		0.198	G_DRY	543	J		T
GMP-SD-5002-0000-01	1678*154		2	84.0		0.198	G_DRY	0.757			T
GMP-SD-5002-0000-01	1678*154		1	84.0		0.0900	G_DRY	223	J		T
GMP-SD-5002-0000-01	1678*154		10	84.0		0.0900	G_DRY	39.3	J		T
GMP-SD-5002-0000-01	1678*154		10	84.0		0.0900	G_DRY	94.1	J		T
GMP-SD-5002-0000-01	1678*154		10	84.0		0.0900	G_DRY	790	J		T
GMP-SD-5002-0000-01	1678*154		10	84.0		0.0900	G_DRY	2.62	J		T
GMP-SD-5002-0000-01	1678*154		10	84.0		0.0900	G_DRY	596	J		T
GMP-SD-5002-0000-01	1678*154		10	84.0		0.0900	G_DRY	0.0142	J		T
GMP-SD-5002-0000-01	1678*154							2.55			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
GMP-SD-5002-0000-01	1678*154	MSL	NORMAL	7/11/2001	7/26/2001	7/27/2001		4	Methyl mercury	22967-92-6	M	L-40	0.000658	µg/g - dry wt			0.0002
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	0.701	µg/g - dry wt			0.016
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	5267	µg/g - dry wt			4.0
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	21.9	µg/g - dry wt			1.08
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	37.6	µg/g - dry wt			1.0
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	162	µg/g - dry wt			0.064
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	9080	µg/g - dry wt			1.1
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	5.92	µg/g - dry wt			1.34
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	8.52	µg/g - dry wt			3.1
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	19.4	µg/g - dry wt			0.39
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	62.3	µg/g - dry wt			0.38
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	1.48	µg/g - dry wt	J		2.00
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.206	µg/g - dry wt	J		1.06
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	15.0	µg/g - dry wt			1.6
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.132	µg/g - dry wt	J		0.36
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.238	µg/g - dry wt	J		0.710
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.0311	µg/g - dry wt	J		0.080
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	40.6	µg/g - dry wt			0.040
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.0790	µg/g - dry wt	J		0.080
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	37.1	µg/g - dry wt			0.400
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.0487	µg/g - dry wt			0.008
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	7/20/2001		4	AVS		M	MSL-C-001	255	µg/g - dry wt			2.43
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		4	SEM Ni	7440-02-0	M	L-42	3.98	µg/g - dry wt			0.4
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		4	SEM Cu	7440-50-8	M	L-42	7.29	µg/g - dry wt			0.032
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		4	SEM Zn	7440-66-6	M	L-42	194	µg/g - dry wt			0.8
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	11/6/2001		4	SEM Cd	7440-43-9	M	L-42	0.198	µg/g - dry wt			0.16
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		4	SEM Pb	7439-92-1	M	L-42	50.4	µg/g - dry wt			0.08
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/20/2001	10/31/2001		4	SEM Hg	7439-97-6	M	L-41	0.00300	µg/g - dry wt	J		0.08
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001				4	AVS/SEM		M		3.68				
RWR-SD-5003-0000-01	1678*155	MSL	NORMAL	7/12/2001	7/30/2001	7/31/2001		4	Methyl mercury	22967-92-6	M	L-40	0.000141	µg/g - dry wt	J		0.0002
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	0.757	µg/g - dry wt			0.016
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	5805	µg/g - dry wt			4.0
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	18.6	µg/g - dry wt			1.08
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	36.4	µg/g - dry wt			1.0
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	179	µg/g - dry wt			0.064
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	8351	µg/g - dry wt			1.1
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	4.70	µg/g - dry wt			1.34
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	7.48	µg/g - dry wt			3.1
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	18.9	µg/g - dry wt			0.39
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	77.1	µg/g - dry wt			0.38
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	1.33	µg/g - dry wt	J		2.00
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.240	µg/g - dry wt	J		1.06
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	15.3	µg/g - dry wt			1.6
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.258	µg/g - dry wt	J		0.36
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.289	µg/g - dry wt	J		0.710
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.0402	µg/g - dry wt	J		0.080
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	45.8	µg/g - dry wt			0.040
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.108	µg/g - dry wt			0.080
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	43.2	µg/g - dry wt			0.400
RWR-SD-5003-0000-01	1678*156	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.0458	µg/g - dry wt			0.008
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	0.752	µg/g - dry wt			0.016
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	4545	µg/g - dry wt			4.0

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
GMP-SD-5002-0000-01	1678*154		1	84.0		1.699	G_DRY	0.000658	J		T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	0.701			T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	5267	J		T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	21.9			T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	37.6	J		T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	162	J		T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	9080			T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	5.92			T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	8.52			T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	19.4			T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	62.3	J		T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	1.48	J		T
RWR-SD-5003-0000-01	1678*155		10.273	36.4		0.199	G_DRY	0.206	U		T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	15			T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	0.132	U		T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	0.238	J		T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	0.0311	U		T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	40.6	J		T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	0.079	J		T
RWR-SD-5003-0000-01	1678*155		1.032	36.4		0.199	G_DRY	37.1	J		T
RWR-SD-5003-0000-01	1678*155		2	36.4		0.199	G_DRY	0.0487			T
RWR-SD-5003-0000-01	1678*155		1	36.4		0.0900	G_DRY	255	J		T
RWR-SD-5003-0000-01	1678*155		10	36.4		0.0900	G_DRY	3.98	J		T
RWR-SD-5003-0000-01	1678*155		10	36.4		0.0900	G_DRY	7.29	J		T
RWR-SD-5003-0000-01	1678*155		10	36.4		0.0900	G_DRY	194	U		T
RWR-SD-5003-0000-01	1678*155		10	36.4		0.0900	G_DRY	0.198	J		T
RWR-SD-5003-0000-01	1678*155		10	36.4		0.0900	G_DRY	50.4	J		T
RWR-SD-5003-0000-01	1678*155		10	36.4		0.0900	G_DRY	0.00300	J		T
RWR-SD-5003-0000-01	1678*155							3.68			T
RWR-SD-5003-0000-01	1678*155		1	36.4		1.248	G_DRY	0.000141	J		T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	0.757			T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	5805	J		T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	18.6			T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	36.4	J		T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	179	J		T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	8351			T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	4.70			T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	7.48			T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	18.9			T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	77.1	J		T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	1.33	J		T
RWR-SD-5003-0000-01	1678*156		10.247	36.4		0.203	G_DRY	1.06	U		T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	15.3			T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	0.258	J		T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	0.289	J		T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	0.08	U		T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	45.8	J		T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	0.108	J		T
RWR-SD-5003-0000-01	1678*156		1.01	36.4		0.203	G_DRY	43.2	J		T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.203	G_DRY	0.0458			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	0.752			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	4545	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	23.9	µg/g - dry wt			1.08
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	95.7	µg/g - dry wt			1.0
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	222	µg/g - dry wt			0.064
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	8475	µg/g - dry wt			1.1
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	4.83	µg/g - dry wt			1.34
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	9.18	µg/g - dry wt			3.1
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	34.5	µg/g - dry wt			0.39
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	113	µg/g - dry wt			0.38
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	1.92	µg/g - dry wt	J		2.00
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.211	µg/g - dry wt	J		1.06
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	17.2	µg/g - dry wt			1.6
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.371	µg/g - dry wt			0.36
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.374	µg/g - dry wt	J		0.710
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.161	µg/g - dry wt			0.080
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	59.3	µg/g - dry wt			0.040
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.105	µg/g - dry wt			0.080
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	87.7	µg/g - dry wt			0.400
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.109	µg/g - dry wt			0.008
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	13.6	µg/g - dry wt			2.43
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	2.03	µg/g - dry wt			0.4
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	10.4	µg/g - dry wt			0.032
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	42.1	µg/g - dry wt			0.8
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.144	µg/g - dry wt	J		0.16
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	66.9	µg/g - dry wt			0.08
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00283	µg/g - dry wt	J		0.08
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		0.505				
RWR-SD-5004-0000-01	1678*157	MSL	NORMAL	7/12/2001	7/26/2001	7/27/2001		4	Methyl mercury	22967-92-6	M	L-40	0.0000790	µg/g - dry wt	J		0.0002
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	2.12	µg/g - dry wt			0.016
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	13961	µg/g - dry wt			4.0
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	23.6	µg/g - dry wt			1.08
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	13.8	µg/g - dry wt			1.0
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	908	µg/g - dry wt			0.064
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	17910	µg/g - dry wt			1.1
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	8.41	µg/g - dry wt			1.34
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	21.2	µg/g - dry wt			3.1
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	23.7	µg/g - dry wt			0.39
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	150	µg/g - dry wt			0.38
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	4.55	µg/g - dry wt			2.00
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.494	µg/g - dry wt	J		1.06
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	1.56	µg/g - dry wt	J		1.6
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.237	µg/g - dry wt	J		0.36
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.692	µg/g - dry wt	J		0.710
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.0310	µg/g - dry wt	J		0.080
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	139	µg/g - dry wt			0.040
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.285	µg/g - dry wt			0.080
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	49.6	µg/g - dry wt			0.400
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.114	µg/g - dry wt			0.008
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	148	µg/g - dry wt			2.43
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	20.0	µg/g - dry wt			0.4
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	18.3	µg/g - dry wt			0.032
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	231	µg/g - dry wt			0.8
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	1.35	µg/g - dry wt			0.16

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	23.9			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	95.7	J		T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	222	J		T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	8475			T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	4.83			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	9.18			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	34.5			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	113	J		T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	1.92	J		T
RWR-SD-5004-0000-01	1678*157		10.408	27.5		0.200	G_DRY	0.211	U		T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	17.2			T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	0.371			T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	0.374	J		T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	0.161	U		T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	59.3	J		T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	0.105	J		T
RWR-SD-5004-0000-01	1678*157		1.041	27.5		0.200	G_DRY	87.7	J		T
RWR-SD-5004-0000-01	1678*157		2	27.5		0.200	G_DRY	0.109			T
RWR-SD-5004-0000-01	1678*157		1	27.5		0.970	G_DRY	13.6	J		T
RWR-SD-5004-0000-01	1678*157		10	27.5		0.970	G_DRY	2.03	J		T
RWR-SD-5004-0000-01	1678*157		10	27.5		0.970	G_DRY	10.4	J		T
RWR-SD-5004-0000-01	1678*157		10	27.5		0.970	G_DRY	42.1	U		T
RWR-SD-5004-0000-01	1678*157		10	27.5		0.970	G_DRY	0.144	J		T
RWR-SD-5004-0000-01	1678*157		10	27.5		0.970	G_DRY	66.9	J		T
RWR-SD-5004-0000-01	1678*157		10	27.5		0.970	G_DRY	0.00283	J		T
RWR-SD-5004-0000-01	1678*157							0.505			T
RWR-SD-5004-0000-01	1678*157		1	27.5		1.671	G_DRY	0.0000790	J		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	2.12			T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	13961	J		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	23.6			T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	13.8	J		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	908	J		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	17910			T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	8.41			T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	21.2			T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	23.7			T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	150	J		T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	4.55	J		T
RAB-SD-5004-0000-01	1678*158		10.241	84.9		0.195	G_DRY	0.494	U		T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	1.56	J		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	0.237	U		T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	0.692	J		T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	0.0310	U		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	139	J		T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	0.285	J		T
RAB-SD-5004-0000-01	1678*158		1.05	84.9		0.195	G_DRY	49.6	J		T
RAB-SD-5004-0000-01	1678*158		2	84.9		0.195	G_DRY	0.114			T
RAB-SD-5004-0000-01	1678*158		1	84.9		0.280	G_DRY	148	J		T
RAB-SD-5004-0000-01	1678*158		10	84.9		0.280	G_DRY	20.0	J		T
RAB-SD-5004-0000-01	1678*158		10	84.9		0.280	G_DRY	18.3	J		T
RAB-SD-5004-0000-01	1678*158		10	84.9		0.280	G_DRY	231	U		T
RAB-SD-5004-0000-01	1678*158		10	84.9		0.280	G_DRY	1.35	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	77.9	µg/g - dry wt			0.08
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0100	µg/g - dry wt	J		0.08
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		6.75				
RAB-SD-5004-0000-01	1678*158	MSL	NORMAL	7/12/2001	7/26/2001	7/27/2001		4	Methyl mercury	22967-92-6	M	L-40	0.000863	µg/g - dry wt			0.0002
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	2.16	µg/g - dry wt			0.016
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	11211	µg/g - dry wt			4.0
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	36.9	µg/g - dry wt			1.08
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	121	µg/g - dry wt			1.0
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	1266	µg/g - dry wt			0.064
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	20567	µg/g - dry wt			1.1
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	11.1	µg/g - dry wt			1.34
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	34.9	µg/g - dry wt			3.1
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	112	µg/g - dry wt			0.39
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	462	µg/g - dry wt			0.38
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	4.01	µg/g - dry wt			2.00
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.566	µg/g - dry wt	J		1.06
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	17.9	µg/g - dry wt			1.6
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.995	µg/g - dry wt			0.36
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	2.14	µg/g - dry wt			0.710
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.314	µg/g - dry wt			0.080
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	189	µg/g - dry wt			0.040
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.356	µg/g - dry wt			0.080
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	251	µg/g - dry wt			0.400
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.400	µg/g - dry wt			0.008
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	375	µg/g - dry wt			2.43
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	42.9	µg/g - dry wt			0.4
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	96.8	µg/g - dry wt			0.032
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	1363	µg/g - dry wt			0.8
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	4.93	µg/g - dry wt			0.16
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	681	µg/g - dry wt			0.08
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00988	µg/g - dry wt	J		0.08
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		1.54				
CMS-SD-4006-0000-01	1678*159	MSL	NORMAL	7/12/2001	7/26/2001	7/27/2001		4	Methyl mercury	22967-92-6	M	L-40	0.000447	µg/g - dry wt			0.0002
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	1.54	µg/g - dry wt			0.016
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	8367	µg/g - dry wt			4.0
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	35.6	µg/g - dry wt			1.08
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	179	µg/g - dry wt			1.0
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	369	µg/g - dry wt			0.064
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	10939	µg/g - dry wt			1.1
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	6.74	µg/g - dry wt			1.34
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	16.0	µg/g - dry wt			3.1
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	59.2	µg/g - dry wt			0.39
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	175	µg/g - dry wt			0.38
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	3.39	µg/g - dry wt			2.00
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.597	µg/g - dry wt	J		1.06
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	29.6	µg/g - dry wt			1.6
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.545	µg/g - dry wt			0.36
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.992	µg/g - dry wt			0.710
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.270	µg/g - dry wt			0.080
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	88.6	µg/g - dry wt			0.040
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.248	µg/g - dry wt			0.080
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	223	µg/g - dry wt			0.400

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RAB-SD-5004-0000-01	1678*158		10	84.9		0.280	G_DRY	77.9	J		T
RAB-SD-5004-0000-01	1678*158		10	84.9		0.280	G_DRY	0.0100	J		T
RAB-SD-5004-0000-01	1678*158							6.75			T
RAB-SD-5004-0000-01	1678*158		1	84.9		1.185	G_DRY	0.000863	J		T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	2.16			T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	11211	J		T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	36.9			T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	121	J		T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	1266	J		T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	20567			T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	11.1			T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	34.9			T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	112			T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	462	J		T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	4.01	J		T
CMS-SD-4006-0000-01	1678*159		10.256	70.5		0.204	G_DRY	0.566	U		T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	17.9			T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	0.995			T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	2.14			T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	0.314	U		T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	189	J		T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	0.356	J		T
CMS-SD-4006-0000-01	1678*159		1.005	70.5		0.204	G_DRY	251	J		T
CMS-SD-4006-0000-01	1678*159		2	70.5		0.204	G_DRY	0.400			T
CMS-SD-4006-0000-01	1678*159		1	70.5		0.280	G_DRY	375	J		T
CMS-SD-4006-0000-01	1678*159		10	70.5		0.280	G_DRY	42.9	J		T
CMS-SD-4006-0000-01	1678*159		10	70.5		0.280	G_DRY	96.8	J		T
CMS-SD-4006-0000-01	1678*159		10	70.5		0.280	G_DRY	1363	J		T
CMS-SD-4006-0000-01	1678*159		10	70.5		0.280	G_DRY	4.93	J		T
CMS-SD-4006-0000-01	1678*159		10	70.5		0.280	G_DRY	681	J		T
CMS-SD-4006-0000-01	1678*159		10	70.5		0.280	G_DRY	0.00988	J		T
CMS-SD-4006-0000-01	1678*159							1.54			T
CMS-SD-4006-0000-01	1678*159		1	70.5		0.964	G_DRY	0.000447	J		T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	1.54			T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	8367	J		T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	35.6			T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	179	J		T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	369	J		T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	10939			T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	6.74			T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	16.0			T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	59.2			T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	175	J		T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	3.39	J		T
CMS-SD-4003-0000-01	1678*160		10.233	61.6		0.195	G_DRY	0.597	U		T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	29.6			T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	0.545			T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	0.992			T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	0.27	U		T
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	88.6	J		T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	0.248	J		T
CMS-SD-4003-0000-01	1678*160		1.05	61.6		0.195	G_DRY	223	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.383	µg/g - dry wt			0.008
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	1.54	µg/g - dry wt			2.43
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	0.883	µg/g - dry wt			0.4
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	2.16	µg/g - dry wt			0.032
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	2.67	µg/g - dry wt	B		0.8
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.16	µg/g - dry wt	U		0.16
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	3.52	µg/g - dry wt			0.08
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00353	µg/g - dry wt	J		0.08
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		1.27				
CMS-SD-4003-0000-01	1678*160	MSL	NORMAL	7/12/2001	7/26/2001	7/27/2001		4	Methyl mercury	22967-92-6	M	L-40	0.000701	µg/g - dry wt			0.0002
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	1.95	µg/g - dry wt			0.016
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	17343	µg/g - dry wt			4.0
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	41.2	µg/g - dry wt			1.08
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	167	µg/g - dry wt			1.0
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	543	µg/g - dry wt			0.064
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	18164	µg/g - dry wt			1.1
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	8.80	µg/g - dry wt			1.34
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	24.4	µg/g - dry wt			3.1
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	171	µg/g - dry wt			0.39
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	2088	µg/g - dry wt			0.38
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	11.2	µg/g - dry wt			2.00
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.986	µg/g - dry wt	J		1.06
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	10.4	µg/g - dry wt			1.6
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	2.44	µg/g - dry wt			0.36
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	2.94	µg/g - dry wt			0.710
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.522	µg/g - dry wt			0.080
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	151	µg/g - dry wt			0.040
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.478	µg/g - dry wt			0.080
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	260	µg/g - dry wt			0.400
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	1.08	µg/g - dry wt			0.008
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	1435	µg/g - dry wt			2.43
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	43.4	µg/g - dry wt			0.4
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	112	µg/g - dry wt			0.032
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	1624	µg/g - dry wt			0.8
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	2.98	µg/g - dry wt			0.16
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	550	µg/g - dry wt			0.08
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0111	µg/g - dry wt	J		0.08
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		4.62				
CMS-SD-4007-0000-01	1678*161	MSL	NORMAL	7/12/2001	7/26/2001	7/27/2001		4	Methyl mercury	22967-92-6	M	L-40	0.00155	µg/g - dry wt			0.0002
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	4.31	µg/g - dry wt			0.016
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	24263	µg/g - dry wt			4.0
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	60.1	µg/g - dry wt			1.08
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	214	µg/g - dry wt			1.0
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	1655	µg/g - dry wt			0.064
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	32713	µg/g - dry wt			1.1
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	17.7	µg/g - dry wt			1.34
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	85.3	µg/g - dry wt			3.1
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	223	µg/g - dry wt			0.39
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	923	µg/g - dry wt			0.38
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	6.93	µg/g - dry wt			2.00
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.934	µg/g - dry wt	J		1.06
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	13.4	µg/g - dry wt			1.6

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
CMS-SD-4003-0000-01	1678*160		2	61.6		0.195	G_DRY	0.383			T
CMS-SD-4003-0000-01	1678*160		1	61.6		0.130	G_DRY	1.54	J		T
CMS-SD-4003-0000-01	1678*160		10	61.6		0.130	G_DRY	0.883	J		T
CMS-SD-4003-0000-01	1678*160		10	61.6		0.130	G_DRY	2.16	J		T
CMS-SD-4003-0000-01	1678*160		10	61.6		0.130	G_DRY	2.67	U		T
CMS-SD-4003-0000-01	1678*160		10	61.6		0.130	G_DRY	0.16	U		T
CMS-SD-4003-0000-01	1678*160		10	61.6		0.130	G_DRY	3.52	J		T
CMS-SD-4003-0000-01	1678*160		10	61.6		0.130	G_DRY	0.00353	J		T
CMS-SD-4003-0000-01	1678*160							1.27			T
CMS-SD-4003-0000-01	1678*160		1	61.6		1.24	G_DRY	0.000701	J		T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	1.95			T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	17343	J		T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	41.2			T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	167	J		T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	543	J		T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	18164			T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	8.80			T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	24.4			T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	171			T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	2088	J		T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	11.2	J		T
CMS-SD-4007-0000-01	1678*161		10.229	67.8		0.196	G_DRY	0.986	J		T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	10.4			T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	2.44			T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	2.94			T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	0.522	J		T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	151	J		T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	0.478	J		T
CMS-SD-4007-0000-01	1678*161		1.044	67.8		0.196	G_DRY	260	J		T
CMS-SD-4007-0000-01	1678*161		2	67.8		0.196	G_DRY	1.08			T
CMS-SD-4007-0000-01	1678*161		1	67.8		0.160	G_DRY	1435	J		T
CMS-SD-4007-0000-01	1678*161		10	67.8		0.160	G_DRY	43.4	J		T
CMS-SD-4007-0000-01	1678*161		10	67.8		0.160	G_DRY	112	J		T
CMS-SD-4007-0000-01	1678*161		10	67.8		0.160	G_DRY	1624	J		T
CMS-SD-4007-0000-01	1678*161		10	67.8		0.160	G_DRY	2.98	J		T
CMS-SD-4007-0000-01	1678*161		10	67.8		0.160	G_DRY	550	J		T
CMS-SD-4007-0000-01	1678*161		10	67.8		0.160	G_DRY	0.0111	J		T
CMS-SD-4007-0000-01	1678*161							4.62			T
CMS-SD-4007-0000-01	1678*161		1	67.8		1.526	G_DRY	0.00155	J		T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	4.31			T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	24263	J		T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	60.1			T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	214	J		T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	1655	J		T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	32713			T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	17.7			T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	85.3			T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	223			T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	923	J		T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	6.93	J		T
LPX-SD-4004-0000-01	1678*162		10.221	83.9		0.198	G_DRY	0.934	J		T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	13.4			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	2.94	µg/g - dry wt			0.36
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	5.07	µg/g - dry wt			0.710
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.334	µg/g - dry wt			0.080
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	380	µg/g - dry wt			0.040
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.679	µg/g - dry wt			0.080
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	500	µg/g - dry wt			0.400
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.946	µg/g - dry wt			0.008
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	305	µg/g - dry wt			2.43
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	42.4	µg/g - dry wt			0.4
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	93.1	µg/g - dry wt			0.032
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	794	µg/g - dry wt			0.8
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	3.15	µg/g - dry wt			0.16
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	394	µg/g - dry wt			0.08
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0184	µg/g - dry wt	J		0.08
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		3.640				
LPX-SD-4004-0000-01	1678*162	MSL	NORMAL	7/12/2001	7/30/2001	7/31/2001		4	Methyl mercury	22967-92-6	M	L-40	0.000387	µg/g - dry wt			0.0002
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	0.793	µg/g - dry wt			0.016
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	6949	µg/g - dry wt			4.0
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	42.8	µg/g - dry wt			1.08
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	43.2	µg/g - dry wt			1.0
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	403	µg/g - dry wt			0.064
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	12266	µg/g - dry wt			1.1
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	4.21	µg/g - dry wt			1.34
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	19.1	µg/g - dry wt			3.1
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	45.6	µg/g - dry wt			0.39
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	172	µg/g - dry wt			0.38
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	2.62	µg/g - dry wt			2.00
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.456	µg/g - dry wt	J		1.06
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	5.44	µg/g - dry wt			1.6
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.364	µg/g - dry wt			0.36
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.894	µg/g - dry wt			0.710
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.199	µg/g - dry wt			0.080
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	86.3	µg/g - dry wt			0.040
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.174	µg/g - dry wt			0.080
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	96.1	µg/g - dry wt			0.400
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.279	µg/g - dry wt			0.008
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	7/24/2001		3	AVS		M	MSL-C-001	6.45	µg/g - dry wt			2.43
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	2.14	µg/g - dry wt			0.4
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	21.7	µg/g - dry wt			0.032
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	45.5	µg/g - dry wt			0.8
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.16	µg/g - dry wt	U		0.16
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	73.4	µg/g - dry wt			0.08
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/24/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0153	µg/g - dry wt	J		0.08
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		0.267				
WRL-SD-4005-0000-01	1678*163	MSL	NORMAL	7/12/2001	7/30/2001	7/31/2001		4	Methyl mercury	22967-92-6	M	L-40	0.00959	µg/g - dry wt			0.0002
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	0.989	µg/g - dry wt			0.016
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	8335	µg/g - dry wt			4.0
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	53.1	µg/g - dry wt			1.08
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	51.5	µg/g - dry wt			1.0
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	393	µg/g - dry wt			0.064
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	14046	µg/g - dry wt			1.1
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	4.81	µg/g - dry wt			1.34

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	2.94			T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	5.07			T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	0.334	U		T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	380	J		T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	0.679	J		T
LPX-SD-4004-0000-01	1678*162		1.032	83.9		0.198	G_DRY	500	J		T
LPX-SD-4004-0000-01	1678*162		2	83.9		0.198	G_DRY	0.946			T
LPX-SD-4004-0000-01	1678*162		1	83.9		0.150	G_DRY	305	J		T
LPX-SD-4004-0000-01	1678*162		10	83.9		0.150	G_DRY	42.4	J		T
LPX-SD-4004-0000-01	1678*162		10	83.9		0.150	G_DRY	93.1	J		T
LPX-SD-4004-0000-01	1678*162		10	83.9		0.150	G_DRY	794	J		T
LPX-SD-4004-0000-01	1678*162		10	83.9		0.150	G_DRY	3.15	J		T
LPX-SD-4004-0000-01	1678*162		10	83.9		0.150	G_DRY	394	J		T
LPX-SD-4004-0000-01	1678*162		10	83.9		0.150	G_DRY	0.0184	J		T
LPX-SD-4004-0000-01	1678*162							3.640			T
LPX-SD-4004-0000-01	1678*162		1	83.9		2.061	G_DRY	0.000387	J		T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	0.793			T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	6949	J		T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	42.8			T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	43.2	J		T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	403	J		T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	12266			T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	4.21			T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	19.1			T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	45.6			T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	172	J		T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	2.62	J		T
WRL-SD-4005-0000-01	1678*163		10.281	42.5		0.199	G_DRY	0.456	U		T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	5.44			T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	0.364			T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	0.894			T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	0.199	U		T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	86.3	J		T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	0.174	J		T
WRL-SD-4005-0000-01	1678*163		1.033	42.5		0.199	G_DRY	96.1	J		T
WRL-SD-4005-0000-01	1678*163		2	42.5		0.199	G_DRY	0.279			T
WRL-SD-4005-0000-01	1678*163		1	42.5		0.100	G_DRY	6.45	J		T
WRL-SD-4005-0000-01	1678*163		10	42.5		0.100	G_DRY	2.14	J		T
WRL-SD-4005-0000-01	1678*163		10	42.5		0.100	G_DRY	21.7	J		T
WRL-SD-4005-0000-01	1678*163		10	42.5		0.100	G_DRY	45.5	U		T
WRL-SD-4005-0000-01	1678*163		10	42.5		0.100	G_DRY	0.16	U		T
WRL-SD-4005-0000-01	1678*163		10	42.5		0.100	G_DRY	73.4	J		T
WRL-SD-4005-0000-01	1678*163		10	42.5		0.100	G_DRY	0.0153	J		T
WRL-SD-4005-0000-01	1678*163							0.267			T
WRL-SD-4005-0000-01	1678*163		1	42.5		1.29	G_DRY	0.00959	J		T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	0.989			T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	8335	J		T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	53.1			T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	51.5	J		T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	393	J		T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	14046			T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	4.81			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	17.7	µg/g - dry wt			3.1
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	55.0	µg/g - dry wt			0.39
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	204	µg/g - dry wt			0.38
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	3.23	µg/g - dry wt			2.00
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.555	µg/g - dry wt	J		1.06
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	7.43	µg/g - dry wt			1.6
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.602	µg/g - dry wt			0.36
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	1.16	µg/g - dry wt			0.710
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.206	µg/g - dry wt			0.080
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	92.9	µg/g - dry wt			0.040
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.217	µg/g - dry wt			0.080
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	120	µg/g - dry wt			0.400
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.353	µg/g - dry wt			0.008
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	7/25/2001		3	AVS		M	MSL-C-001	6.54	µg/g - dry wt			2.43
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	2.41	µg/g - dry wt			0.4
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	28.2	µg/g - dry wt			0.032
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	60.4	µg/g - dry wt			0.8
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.16	µg/g - dry wt	U		0.16
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	90.4	µg/g - dry wt			0.08
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001	7/25/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00927	µg/g - dry wt	J		0.08
WRL-SD-071201-A	1678*164	MSL	REPLICATE	7/12/2001				3	AVS/SEM		M		0.211				
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	2.81	µg/g - dry wt			0.016
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	15413	µg/g - dry wt			4.0
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	42.2	µg/g - dry wt			1.08
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	166	µg/g - dry wt			1.0
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	714	µg/g - dry wt			0.064
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	23108	µg/g - dry wt			1.1
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	1.50	µg/g - dry wt			1.34
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	44.0	µg/g - dry wt			3.1
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	148	µg/g - dry wt			0.39
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	570	µg/g - dry wt			0.38
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	0.548	µg/g - dry wt	J		2.00
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.773	µg/g - dry wt	J		1.06
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	1.60	µg/g - dry wt	J		1.6
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	1.84	µg/g - dry wt			0.36
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	0.415	µg/g - dry wt	J		0.710
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.0443	µg/g - dry wt	J		0.080
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	240	µg/g - dry wt			0.040
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.0543	µg/g - dry wt	J		0.080
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	39.0	µg/g - dry wt			0.400
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.611	µg/g - dry wt			0.008
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	363	µg/g - dry wt			2.43
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	23.5	µg/g - dry wt			0.4
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	42.3	µg/g - dry wt			0.032
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	515	µg/g - dry wt			0.8
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	1.50	µg/g - dry wt			0.16
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	305	µg/g - dry wt			0.08
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.0163	µg/g - dry wt	J		0.08
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		4.04				
LPX-SD-4001-0000-01	1678*165	MSL	NORMAL	7/12/2001	7/30/2001	7/31/2001		4	Methyl mercury	22967-92-6	M	L-40	0.00211	µg/g - dry wt			0.0002
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	1.25	µg/g - dry wt			0.016
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	14793	µg/g - dry wt			4.0

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	17.7			T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	55.0			T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	204	J		T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	3.23	J		T
WRL-SD-071201-A	1678*164		10.247	46.6		0.199	G_DRY	0.555	U		T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	7.43			T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	0.602			T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	1.16			T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	0.206	U		T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	92.9	J		T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	0.217	J		T
WRL-SD-071201-A	1678*164		1.03	46.6		0.199	G_DRY	120	J		T
WRL-SD-071201-A	1678*164		2	46.6		0.199	G_DRY	0.353			T
WRL-SD-071201-A	1678*164		1	46.6		0.190	G_DRY	6.54	J		T
WRL-SD-071201-A	1678*164		10	46.6		0.190	G_DRY	2.41	J		T
WRL-SD-071201-A	1678*164		10	46.6		0.190	G_DRY	28.2	J		T
WRL-SD-071201-A	1678*164		10	46.6		0.190	G_DRY	60.4	U		T
WRL-SD-071201-A	1678*164		10	46.6		0.190	G_DRY	0.16	U		T
WRL-SD-071201-A	1678*164		10	46.6		0.190	G_DRY	90.4	J		T
WRL-SD-071201-A	1678*164		10	46.6		0.190	G_DRY	0.00927	J		T
WRL-SD-071201-A	1678*164							0.211			T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	2.81			T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	15413	J		T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	42.2			T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	166	J		T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	714	J		T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	23108			T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	1.50			T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	44.0			T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	148			T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	570	J		T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	2	U		T
LPX-SD-4001-0000-01	1678*165		10.27	73.2		0.198	G_DRY	0.773	J		T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	1.60	J		T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	1.84			T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	0.415	J		T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	0.0443	J		T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	240	J		T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	0.0543	J		T
LPX-SD-4001-0000-01	1678*165		0.137	73.2		0.198	G_DRY	39.0	J		T
LPX-SD-4001-0000-01	1678*165		2	73.2		0.198	G_DRY	0.611			T
LPX-SD-4001-0000-01	1678*165		1	73.2		0.0800	G_DRY	363	J		T
LPX-SD-4001-0000-01	1678*165		10	73.2		0.0800	G_DRY	23.5	J		T
LPX-SD-4001-0000-01	1678*165		10	73.2		0.0800	G_DRY	42.3	J		T
LPX-SD-4001-0000-01	1678*165		10	73.2		0.0800	G_DRY	515	J		T
LPX-SD-4001-0000-01	1678*165		10	73.2		0.0800	G_DRY	1.50	J		T
LPX-SD-4001-0000-01	1678*165		10	73.2		0.0800	G_DRY	305	J		T
LPX-SD-4001-0000-01	1678*165		10	73.2		0.0800	G_DRY	0.0163	J		T
LPX-SD-4001-0000-01	1678*165							4.04			T
LPX-SD-4001-0000-01	1678*165		1	73.2		1.279	G_DRY	0.00211	J		T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	1.25			T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	14793	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	41.1	µg/g - dry wt			1.08
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	95.5	µg/g - dry wt			1.0
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	633	µg/g - dry wt			0.064
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	24489	µg/g - dry wt			1.1
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	7.71	µg/g - dry wt			1.34
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	28.2	µg/g - dry wt			3.1
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	121.8	µg/g - dry wt			0.39
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	449	µg/g - dry wt			0.38
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	3.59	µg/g - dry wt			2.00
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.543	µg/g - dry wt	J		1.06
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	2.51	µg/g - dry wt			1.6
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	1.06	µg/g - dry wt			0.36
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	2.30	µg/g - dry wt			0.710
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.200	µg/g - dry wt			0.080
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	170	µg/g - dry wt			0.040
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.405	µg/g - dry wt			0.080
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	260	µg/g - dry wt			0.400
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.205	µg/g - dry wt			0.008
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	276	µg/g - dry wt			2.43
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	15.5	µg/g - dry wt			0.4
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	47.5	µg/g - dry wt			0.032
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	308	µg/g - dry wt			0.8
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.0958	µg/g - dry wt	J		0.16
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	229	µg/g - dry wt			0.08
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00743	µg/g - dry wt	J		0.08
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001				3	AVS/SEM		M		3.59				
LPX-SD-4002-0000-01	1678*166	MSL	NORMAL	7/12/2001	7/30/2001	7/31/2001		4	Methyl mercury	22967-92-6	M	L-40	0.00114	µg/g - dry wt			0.0002
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Beryllium	7440-41-7	M	L-44	1.50	µg/g - dry wt			0.016
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Aluminum	7429-90-5	M	L-44	16846	µg/g - dry wt			4.0
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Vanadium	7440-62-2	M	L-44	46.6	µg/g - dry wt			1.08
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Chromium	7440-47-3	M	L-44	91.3	µg/g - dry wt			1.0
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Manganese	7439-96-5	M	L-44	790	µg/g - dry wt			0.064
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Iron	7439-89-6	M	L-44	27243	µg/g - dry wt			1.1
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Cobalt	7440-48-4	M	L-42	8.26	µg/g - dry wt			1.34
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Nickel	7440-02-0	M	L-44	33.9	µg/g - dry wt			3.1
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Copper	7440-50-8	M	L-44	124.8	µg/g - dry wt			0.39
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Zinc	7440-66-6	M	L-44	480	µg/g - dry wt			0.38
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Arsenic	7440-38-2	M	L-42	3.75	µg/g - dry wt			2.00
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	9/10/2001		7	Selenium	7782-49-2	M	MSL-I-30	0.533	µg/g - dry wt	J		1.06
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Molybdenum	13939-06-5	M	L-42	3.94	µg/g - dry wt			1.6
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Silver	7440-22-4	M	L-44	0.810	µg/g - dry wt			0.36
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Cadmium	7440-43-9	M	L-42	2.44	µg/g - dry wt			0.710
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Antimony	7440-36-0	M	L-42	0.171	µg/g - dry wt			0.080
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/31/2001		7	Barium	7440-39-3	M	L-44	191	µg/g - dry wt			0.040
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Thallium	7440-28-0	M	L-42	0.434	µg/g - dry wt			0.080
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Lead	7439-92-1	M	L-42	294	µg/g - dry wt			0.400
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	8/8/2001	8/15/2001		7	Mercury	7439-97-6	M	L-41	0.220	µg/g - dry wt			0.008
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	7/23/2001		3	AVS		M	MSL-C-001	390	µg/g - dry wt			2.43
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	16.5	µg/g - dry wt			0.4
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	56.2	µg/g - dry wt			0.032
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	398	µg/g - dry wt			0.8
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	1.23	µg/g - dry wt			0.16

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	41.1			T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	95.5	J		T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	633	J		T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	24489			T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	7.71			T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	28.2			T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	121.8			T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	449	J		T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	3.59	J		T
LPX-SD-4002-0000-01	1678*166		10.228	64.8		0.205	G_DRY	0.543	U		T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	2.51			T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	1.08			T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	2.30			T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	0.2	U		T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	170	J		T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	0.405	J		T
LPX-SD-4002-0000-01	1678*166		0.998	64.8		0.205	G_DRY	260	J		T
LPX-SD-4002-0000-01	1678*166		2	64.8		0.205	G_DRY	0.205			T
LPX-SD-4002-0000-01	1678*166		1	64.8		0.0600	G_DRY	276	J		T
LPX-SD-4002-0000-01	1678*166		10	64.8		0.0600	G_DRY	15.5	J		T
LPX-SD-4002-0000-01	1678*166		10	64.8		0.0600	G_DRY	47.5	J		T
LPX-SD-4002-0000-01	1678*166		10	64.8		0.0600	G_DRY	308	U		T
LPX-SD-4002-0000-01	1678*166		10	64.8		0.0600	G_DRY	0.0958	J		T
LPX-SD-4002-0000-01	1678*166		10	64.8		0.0600	G_DRY	229	J		T
LPX-SD-4002-0000-01	1678*166		10	64.8		0.0600	G_DRY	0.00743	J		T
LPX-SD-4002-0000-01	1678*166							3.59			T
LPX-SD-4002-0000-01	1678*166		1	64.8		1.304	G_DRY	0.00114	J		T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	1.50			T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	16846	J		T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	46.6			T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	91.3	J		T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	790	J		T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	27243			T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	8.26			T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	33.9			T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	124.8			T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	480	J		T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	3.75	J		T
LPX-SD-071601-A	1678*189		10.195	68.6		0.205	G_DRY	0.533	U		T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	3.94			T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	0.810			T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	2.44			T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	0.171	U		T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	191	J		T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	0.434	J		T
LPX-SD-071601-A	1678*189		0.995	68.6		0.205	G_DRY	294	J		T
LPX-SD-071601-A	1678*189		2	68.6		0.205	G_DRY	0.22			T
LPX-SD-071601-A	1678*189		1	68.6		0.100	G_DRY	390	J		T
LPX-SD-071601-A	1678*189		10	68.6		0.100	G_DRY	16.5	J		T
LPX-SD-071601-A	1678*189		10	68.6		0.100	G_DRY	56.2	J		T
LPX-SD-071601-A	1678*189		10	68.6		0.100	G_DRY	398	J		T
LPX-SD-071601-A	1678*189		10	68.6		0.100	G_DRY	1.23	J		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	287	µg/g - dry wt			0.08
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/23/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00624	µg/g - dry wt	J		0.08
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001				3	AVS/SEM		M		4.47				
LPX-SD-071601-A	1678*189	MSL	REPLICATE	7/16/2001	7/30/2001	7/31/2001		7	Methyl mercury	22967-92-6	M	L-40	0.000573	µg/g - dry wt			0.0002
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Beryllium	7440-41-7	M	L-42	0.212	µg/L	U		0.212
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Aluminum	7429-90-5	M	L-42	17.1	µg/L	J		40.0
RB-071001	1678*175	MSL	NORMAL	7/17/2001		8/13/2001		6	Vanadium	7440-62-2	M	L-44	0.770	µg/L	J		8.00
RB-071001	1678*175	MSL	NORMAL	7/17/2001		8/13/2001		6	Chromium	7440-47-3	M	L-44	1.43	µg/L	J		12.0
RB-071001	1678*175	MSL	NORMAL	7/17/2001		8/13/2001		6	Manganese	7439-96-5	M	L-44	0.215	µg/L	J		0.800
RB-071001	1678*175	MSL	NORMAL	7/17/2001		8/13/2001		6	Iron	7439-89-6	M	L-44	15.1	µg/L			14.0
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Cobalt	7440-48-4	M	L-42	0.0100	µg/L	J		0.016
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Nickel	7440-02-0	M	L-42	0.0595	µg/L	J		14.3
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Copper	7440-50-8	M	L-42	3.24	µg/L	U		3.24
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Zinc	7440-66-6	M	L-42	1.89	µg/L	J		4.80
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Arsenic	7440-38-2	M	L-42	0.0230	µg/L	J		0.160
RB-071001	1678*175	MSL	NORMAL	7/17/2001		8/15/2001		6	Selenium	7782-49-2	M	MSL-I-30	0.00150	µg/L	J		0.400
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Molybdenum	13939-06-5	M	L-42	0.0182	µg/L	J		14.4
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Silver	7440-22-4	M	L-42	0.0196	µg/L	J		2.68
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Cadmium	7440-43-9	M	L-42	0.000180	µg/L	J		0.060
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Antimony	7440-36-0	M	L-42	0.0852	µg/L			0.040
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Barium	7440-39-3	M	L-42	0.171	µg/L	J		0.288
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Thallium	7440-28-0	M	L-42	0.000780	µg/L	J		0.016
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Lead	7439-92-1	M	L-42	0.0177	µg/L	J		0.020
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/1/2001	8/2/2001		6	Mercury	7439-97-6	M	L-39	0.000226	µg/L	J		0.0008
RB-071001	1678*175	MSL	NORMAL	7/17/2001	8/6/2001	8/7/2001		6	Methyl mercury	22967-92-6	M	L-40	0.0000216	µg/L	J		0.0002
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Beryllium	7440-41-7	M	L-42	0.212	µg/L	U		0.212
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Aluminum	7429-90-5	M	L-42	8.42	µg/L	J		40.0
RB-071001	1678*176	MSL	NORMAL	7/17/2001		8/13/2001		6	Vanadium	7440-62-2	M	L-44	8.00	µg/L	U		8.00
RB-071001	1678*176	MSL	NORMAL	7/17/2001		8/13/2001		6	Chromium	7440-47-3	M	L-44	2.50	µg/L	J		12.0
RB-071001	1678*176	MSL	NORMAL	7/17/2001		8/13/2001		6	Manganese	7439-96-5	M	L-44	0.283	µg/L	J		0.800
RB-071001	1678*176	MSL	NORMAL	7/17/2001		8/13/2001		6	Iron	7439-89-6	M	L-44	5.61	µg/L	J		14.0
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Cobalt	7440-48-4	M	L-42	0.00801	µg/L	J		0.016
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Nickel	7440-02-0	M	L-42	0.0316	µg/L	J		14.3
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Copper	7440-50-8	M	L-42	3.24	µg/L	U		3.24
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Zinc	7440-66-6	M	L-42	2.04	µg/L	J		4.80
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Arsenic	7440-38-2	M	L-42	0.0275	µg/L	J		0.160
RB-071001	1678*176	MSL	NORMAL	7/17/2001		8/15/2001		6	Selenium	7782-49-2	M	MSL-I-30	0.400	µg/L	U		0.400
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Molybdenum	13939-06-5	M	L-42	0.0125	µg/L	J		14.4
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Silver	7440-22-4	M	L-42	0.0126	µg/L	J		2.68
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Cadmium	7440-43-9	M	L-42	0.0600	µg/L	U		0.060
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Antimony	7440-36-0	M	L-42	0.0448	µg/L			0.040
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Barium	7440-39-3	M	L-42	0.0920	µg/L	J		0.288
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Thallium	7440-28-0	M	L-42	0.000700	µg/L	J		0.016
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/15/2001	8/15/2001		6	Lead	7439-92-1	M	L-42	0.0200	µg/L	U		0.020
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/1/2001	8/2/2001		6	Mercury	7439-97-6	M	L-39	0.000296	µg/L	J		0.0008
RB-071001	1678*176	MSL	NORMAL	7/17/2001	8/6/2001	8/7/2001		6	Methyl mercury	22967-92-6	M	L-40	0.0000132	µg/L	J		0.0002
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Beryllium	7440-41-7	M	L-44	0.016	µg/g - dry wt	U		0.016
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	4.00	µg/g - dry wt	U		4.0
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	1.08	µg/g - dry wt	U		1.08
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	1.00	µg/g - dry wt	U		1.0
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	0.0290	µg/g - dry wt	J		0.064
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	0.916	µg/g - dry wt	J		1.1

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A	1678*189		10	68.6		0.100	G_DRY	287	J		T
LPX-SD-071601-A	1678*189		10	68.6		0.100	G_DRY	0.00624	J		T
LPX-SD-071601-A	1678*189							4.47			T
LPX-SD-071601-A	1678*189		1	68.6		1.145	G_DRY	0.000573	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.212	U		T
RB-071001	1678*175		1.042	100		10.0	mL	17.1	J		T
RB-071001	1678*175		1.07	100		5.00	mL	0.770	J		T
RB-071001	1678*175		1.07	100		5.00	mL	1.43	J		T
RB-071001	1678*175		1.07	100		5.00	mL	0.215	J		T
RB-071001	1678*175		1.07	100		5.00	mL	15.1			T
RB-071001	1678*175		1.042	100		10.0	mL	0.0100	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.0595	J		T
RB-071001	1678*175		1.042	100		10.0	mL	3.24	U		T
RB-071001	1678*175		1.042	100		10.0	mL	1.89	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.0230	J		T
RB-071001	1678*175		1	100		5.00	mL	0.00150	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.0182	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.0196	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.000180	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.0652	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.171	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.000780	J		T
RB-071001	1678*175		1.042	100		10.0	mL	0.0177	J		T
RB-071001	1678*175		1.009	100		61.2	mL	0.000226	J		T
RB-071001	1678*175		1	100		49.8	mL	0.0000216	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.212	U		T
RB-071001	1678*176		1.042	100		10.0	mL	8.42	J		T
RB-071001	1678*176		1.07	100		5.00	mL	8.00	U		T
RB-071001	1678*176		1.07	100		5.00	mL	2.50	J		T
RB-071001	1678*176		1.07	100		5.00	mL	0.283	J		T
RB-071001	1678*176		1.07	100		5.00	mL	5.61	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.00801	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0316	J		T
RB-071001	1678*176		1.042	100		10.0	mL	3.24	U		T
RB-071001	1678*176		1.042	100		10.0	mL	2.04	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0275	J		T
RB-071001	1678*176		1	100		5.00	mL	0.400	UJ		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0125	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0126	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0600	U		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0448			T
RB-071001	1678*176		1.042	100		10.0	mL	0.0920	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.000700	J		T
RB-071001	1678*176		1.042	100		10.0	mL	0.0200	U		T
RB-071001	1678*176		1.008	100		58.8	mL	0.000296	J		T
RB-071001	1678*176		1	100		49.8	mL	0.0000132	J		T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	1.34	µg/g - dry wt	U		1.34
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	3.1	µg/g - dry wt	U		3.1
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	0.39	µg/g - dry wt	U		0.39
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	0.582	µg/g - dry wt			0.38
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	0.239	µg/g - dry wt	J		2.00
	Blank R1	MSL	P_Blank		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	0.125	µg/g - dry wt	J		1.06
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	1.6	µg/g - dry wt	U		1.6
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	0.0480	µg/g - dry wt	J		0.36
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	0.710	µg/g - dry wt	U		0.710
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	0.080	µg/g - dry wt	U		0.080
	Blank R1	MSL	P_Blank		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	0.0850	µg/g - dry wt			0.040
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	0.000357	µg/g - dry wt	J		0.080
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	0.400	µg/g - dry wt	U		0.400
	Blank R1	MSL	P_Blank		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	0.00790	µg/g - dry wt	J		0.008
	Blank R1	MSL	P_Blank		7/20/2001	7/20/2001			AVS		M	MSL-C-001	2.43	µg/g - dry wt	U		2.43
	Blank R1	MSL	P_Blank		7/20/2001	8/7/2001			SEM Ni	7440-02-0	M	L-42	0.4	µg/g - dry wt	U		0.4
	Blank R1	MSL	P_Blank		7/20/2001	8/7/2001			SEM Cu	7440-50-8	M	L-42	0.032	µg/g - dry wt	U		0.032
	Blank R1	MSL	P_Blank		7/20/2001	8/7/2001			SEM Zn	7440-66-6	M	L-42	3.50	µg/g - dry wt			0.8
	Blank R1	MSL	P_Blank		7/20/2001	11/6/2001			SEM Cd	7440-43-9	M	L-42	0.16	µg/g - dry wt	U		0.16
	Blank R1	MSL	P_Blank		7/20/2001	8/7/2001			SEM Pb	7439-92-1	M	L-42	0.259	µg/g - dry wt			0.08
	Blank R1	MSL	P_Blank		7/20/2001	10/31/2001			SEM Hg	7439-97-6	M	L-41	0.08	µg/g - dry wt	U		0.08
	Blank R1	MSL	P_Blank		7/30/2001	7/31/2001			Methyl mercury	22967-92-6	M	L-40	0.0000206	µg/g - dry wt	J		0.0002
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Beryllium	7440-41-7	M	L-44	0.016	µg/g - dry wt	U		0.016
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	4.00	µg/g - dry wt	U		4.0
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	1.08	µg/g - dry wt	U		1.08
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	1.00	µg/g - dry wt	U		1.0
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	0.064	µg/g - dry wt	U		0.064
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	0.985	µg/g - dry wt	J		1.1
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	1.34	µg/g - dry wt	U		1.34
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	3.1	µg/g - dry wt	U		3.1
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	0.39	µg/g - dry wt	U		0.39
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	0.492	µg/g - dry wt			0.38
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	0.161	µg/g - dry wt	J		2.00
	Blank R2	MSL	P_Blank		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	0.0510	µg/g - dry wt	J		1.06
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	1.6	µg/g - dry wt	U		1.6
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	0.0490	µg/g - dry wt	J		0.36
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	0.710	µg/g - dry wt	U		0.710
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	0.080	µg/g - dry wt	U		0.080
	Blank R2	MSL	P_Blank		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	0.0720	µg/g - dry wt			0.040
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	0.000943	µg/g - dry wt	J		0.080
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	0.00631	µg/g - dry wt	J		0.400
	Blank R2	MSL	P_Blank		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	0.00270	µg/g - dry wt	J		0.008
	Blank R2	MSL	P_Blank		7/30/2001	7/31/2001			Methyl mercury	22967-92-6	M	L-40	0.0000113	µg/g - dry wt	J		0.0002
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Beryllium	7440-41-7	M	L-44	0.016	µg/g - dry wt	U		0.016
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	0.226	µg/g - dry wt	J		4.0
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	1.08	µg/g - dry wt	U		1.08
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	1.00	µg/g - dry wt	U		1.0
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	0.064	µg/g - dry wt	U		0.064
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	0.917	µg/g - dry wt	J		1.1
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	1.34	µg/g - dry wt	U		1.34
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	3.1	µg/g - dry wt	U		3.1
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	0.39	µg/g - dry wt	U		0.39

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		10.216	N/A		0.200	G_DRY				T
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		1.022	N/A		0.200	G_DRY				T
	Blank R1		2	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R1		10	N/A		0.200	G_DRY				T
	Blank R1		10	N/A		0.200	G_DRY				T
	Blank R1		10	N/A		0.200	G_DRY				T
	Blank R1		10	N/A		0.200	G_DRY				T
	Blank R1		10	N/A		0.200	G_DRY				T
	Blank R1		10	N/A		0.200	G_DRY				T
	Blank R1		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		10.222	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		1.022	N/A		0.200	G_DRY				T
	Blank R2		2	N/A		0.200	G_DRY				T
	Blank R2		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	0.415	µg/g - dry wt			0.38
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	0.0903	µg/g - dry wt	J		2.00
	Blank R3	MSL	P_Blank		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	0.0650	µg/g - dry wt	J		1.06
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	1.6	µg/g - dry wt	U		1.6
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	0.36	µg/g - dry wt	U		0.36
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	0.710	µg/g - dry wt	U		0.710
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	0.080	µg/g - dry wt	U		0.080
	Blank R3	MSL	P_Blank		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	0.0630	µg/g - dry wt			0.040
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	0.00359	µg/g - dry wt	J		0.080
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	0.0213	µg/g - dry wt	J		0.400
	Blank R3	MSL	P_Blank		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	0.00640	µg/g - dry wt	J		0.008
	Blank R3	MSL	P_Blank		7/30/2001	7/31/2001			Methyl mercury	22967-92-6	M	L-40	0.0000114	µg/g - dry wt	J		0.0002
	Blank R4	MSL	P_Blank		8/16/2001	8/17/2001			Methyl mercury	22967-92-6	M	L-40	0.00000526	µg/g - dry wt	J		0.0002
	Blank R5	MSL	P_Blank		7/26/2001	7/27/2001			Methyl mercury	22967-92-6	M	L-40	0.00000683	µg/g - dry wt	J		0.0002
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Beryllium	7440-41-7	M	L-44	98%	% recovery			0.016
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	103%	% recovery			4.0
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	102%	% recovery			1.08
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	102%	% recovery			1.0
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	103%	% recovery			0.064
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	109%	% recovery			1.34
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	103%	% recovery			3.1
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	101%	% recovery			0.39
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	102%	% recovery			0.38
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	108%	% recovery			2.00
	Blank sp 1	MSL	LCS		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	87%	% recovery			1.06
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	107%	% recovery			1.6
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	86%	% recovery			0.36
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	100%	% recovery			0.710
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	82%	% recovery			0.080
	Blank sp 1	MSL	LCS		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	106%	% recovery			0.040
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	98%	% recovery			0.080
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	108%	% recovery			0.400
	Blank sp 1	MSL	LCS		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	109%	% recovery			0.008
	Blank sp 1	MSL	LCS		7/20/2001	7/20/2001			AVS		M	MSL-C-001	126%	% recovery			2.43
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Beryllium	7440-41-7	M	L-44	99%	% recovery			0.016
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	100%	% recovery			4.0
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	102%	% recovery			1.08
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	101%	% recovery			1.0
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	102%	% recovery			0.064
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	104%	% recovery			1.34
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	100%	% recovery			3.1
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	101%	% recovery			0.39
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	101%	% recovery			0.38
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	100%	% recovery			2.00
	Blank sp 2	MSL	LCS		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	90%	% recovery			1.06
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	106%	% recovery			1.6
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	100%	% recovery			0.36
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	98%	% recovery			0.710
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	82%	% recovery			0.080
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	107%	% recovery			0.040
	Blank sp 2	MSL	LCS		8/8/2001	8/31/2001			Thallium	7440-28-0	M	L-42	107%	% recovery			0.080
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	105%	% recovery			0.400

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		10.208	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		1.021	N/A		0.200	G_DRY				T
	Blank R3		2	N/A		0.200	G_DRY				T
	Blank R3		1	N/A		0.200	G_DRY				T
	Blank R4		1	N/A		0.200	G_DRY				T
	Blank R5		1	N/A		0.200	G_DRY				T
	Blank sp 1		1	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		1.029	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		1.029	N/A		0.200	G_DRY				T
	Blank sp 1		20.573	N/A		0.200	G_DRY				T
	Blank sp 1		1.029	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		1.029	N/A		0.200	G_DRY				T
	Blank sp 1		1.025	N/A		0.200	G_DRY				T
	Blank sp 1		2	N/A		0.200	G_DRY				T
	Blank sp 1		1.025	N/A		0.200	G_DRY				T
	Blank sp 1		1.025	N/A		0.200	G_DRY				T
	Blank sp 1		7	N/A		0.200	G_DRY				T
	Blank sp 1		1	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		1.035	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		1.035	N/A		0.200	G_DRY				T
	Blank sp 2		20.699	N/A		0.200	G_DRY				T
	Blank sp 2		1.035	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		1.035	N/A		0.200	G_DRY				T
	Blank sp 2		1.02	N/A		0.200	G_DRY				T
	Blank sp 2		2	N/A		0.200	G_DRY				T
	Blank sp 2		1.02	N/A		0.200	G_DRY				T
	Blank sp 2		1.023	N/A		0.200	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	Blank sp 2	MSL	LCS		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	108%	% recovery			0.008
	Blank sp 2	MSL	LCS		7/20/2001	7/20/2001			AVS		M	MSL-C-001	133%	% recovery	~		2.43
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Beryllium	7440-41-7	M	L-44	99%	% recovery			0.016
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	95%	% recovery			4.0
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	101%	% recovery			1.08
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	102%	% recovery			1.0
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	101%	% recovery			0.064
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	101%	% recovery			1.34
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	98%	% recovery			3.1
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	101%	% recovery			0.39
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	101%	% recovery			0.38
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	98%	% recovery			2.00
	Blank sp 3	MSL	LCS		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	87%	% recovery			1.06
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	105%	% recovery			1.6
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	75%	% recovery			0.36
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	98%	% recovery			0.710
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	100%	% recovery			0.080
	Blank sp 3	MSL	LCS		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	104%	% recovery			0.040
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	102%	% recovery			0.080
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	110%	% recovery			0.400
	Blank sp 3	MSL	LCS		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	101%	% recovery			0.008
	Blank sp 3	MSL	LCS		7/24/2001	7/24/2001			AVS		M	MSL-C-001	74%	% recovery			2.43
	1640	MSL	SRM		7/24/2001	8/7/2001			SEM Ni	7440-02-0	M	L-42	3%	% difference			0.4
	1640	MSL	SRM		7/24/2001	8/7/2001			SEM Cu	7440-50-8	M	L-42	0%	% difference			0.032
	1640	MSL	SRM		7/24/2001	8/7/2001			SEM Zn	7440-66-6	M	L-42	11%	% difference			0.8
	1640	MSL	SRM		7/24/2001	11/6/2001			SEM Cd	7440-43-9	M	L-42	8%	% difference			0.16
	1640	MSL	SRM		7/24/2001	8/7/2001			SEM Pb	7439-92-1	M	L-42	1%	% difference			0.08
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	58%	% difference	&		4.0
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	28%	% difference	&		1.0
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	5%	% difference			0.064
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	11%	% difference			1.1
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	6%	% difference			1.34
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	9%	% difference			3.1
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	8%	% difference			0.39
	2704 R1	MSL	SRM		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	4%	% difference			0.38
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	10%	% difference			2.00
	2704 R1	MSL	SRM		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	36%	% difference	~		1.06
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	1%	% difference			0.710
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	93%	% difference	&		0.080
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	27%	% difference	~		0.080
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	2%	% difference			0.400
	2704 R1	MSL	SRM		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	17%	% difference			0.008
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	61%	% difference	&		4.0
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	28%	% difference	&		1.0
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	5%	% difference			0.064
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	10%	% difference			1.1
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	4%	% difference			1.34
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	11%	% difference			3.1
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	4%	% difference			0.39
	2704 R2	MSL	SRM		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	3%	% difference			0.38
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	13%	% difference			2.00
	2704 R2	MSL	SRM		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	26%	% difference	~		1.06

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	Blank sp 2		7	N/A		0.200	G_DRY				T
	Blank sp 2		1	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		1.03	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		1.03	N/A		0.200	G_DRY				T
	Blank sp 3		20.6	N/A		0.200	G_DRY				T
	Blank sp 3		1.03	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		1.03	N/A		0.200	G_DRY				T
	Blank sp 3		0.99	N/A		0.200	G_DRY				T
	Blank sp 3		2	N/A		0.200	G_DRY				T
	Blank sp 3		0.99	N/A		0.200	G_DRY				T
	Blank sp 3		1.028	N/A		0.200	G_DRY				T
	Blank sp 3		7	N/A		0.200	G_DRY				T
	Blank sp 3		1	N/A		0.200	G_DRY				T
	1640		1.024	N/A		10.0	ml				T
	1640		1.024	N/A		10.0	ml				T
	1640		1.024	N/A		10.0	ml				T
	1640		1.024	N/A		10.0	ml				T
	1640		1.024	N/A		10.0	ml				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		1.014	0		0.203	G_DRY				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		2	0		0.203	G_DRY				T
	2704 R1		1.014	0		0.203	G_DRY				T
	2704 R1		10.294	0		0.203	G_DRY				T
	2704 R1		1.014	0		0.203	G_DRY				T
	2704 R1		1.014	0		0.203	G_DRY				T
	2704 R1		1.014	0		0.203	G_DRY				T
	2704 R1		1.014	0		0.203	G_DRY				T
	2704 R1		7	0		0.203	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		1.039	0		0.198	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		2	0		0.198	G_DRY				T
	2704 R2		1.039	0		0.198	G_DRY				T
	2704 R2		10.281	0		0.198	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	0%	% difference			0.710
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	92%	% difference	&		0.080
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	22%	% difference			0.080
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	4%	% difference			0.400
	2704 R2	MSL	SRM		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	15%	% difference			0.008
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	58%	% difference	&		4.0
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Chromium	7440-47-3	M	L-44	28%	% difference	&		1.0
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	6%	% difference			0.064
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	11%	% difference			1.1
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	9%	% difference			1.34
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	9%	% difference			3.1
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	6%	% difference			0.39
	2704 R3	MSL	SRM		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	3%	% difference			0.38
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	17%	% difference			2.00
	2704 R3	MSL	SRM		8/8/2001	9/10/2001			Selenium	7782-49-2	M	MSL-I-30	25%	% difference			1.06
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	2%	% difference			0.710
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	91%	% difference	&		0.080
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	24%	% difference			0.080
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	6%	% difference			0.400
	2704 R3	MSL	SRM		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	14%	% difference			0.008
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	61%	% difference	&		4.0
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	22%	% difference			1.08
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	14%	% difference			0.064
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	12%	% difference			1.1
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	10%	% difference			1.34
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	9%	% difference			3.1
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	4%	% difference			0.39
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	7%	% difference			0.38
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	5%	% difference			2.00
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	28%	% difference			1.6
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	2%	% difference			0.36
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	8%	% difference			0.710
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	94%	% difference	&		0.080
	2711 R1	MSL	SRM		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	25%	% difference			0.040
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	2%	% difference			0.080
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	11%	% difference			0.400
	2711 R1	MSL	SRM		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	17%	% difference			0.008
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	60%	% difference	&		4.0
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	22%	% difference			1.08
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	15%	% difference			0.064
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	12%	% difference			1.1
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	13%	% difference			1.34
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	4%	% difference			3.1
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	5%	% difference			0.39
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	7%	% difference			0.38
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	8%	% difference			2.00
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	31%	% difference	~		1.6
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	6%	% difference			0.36
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	9%	% difference			0.710
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	94%	% difference	&		0.080
	2711 R2	MSL	SRM		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	24%	% difference			0.040
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	2%	% difference			0.080

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	2704 R2		1.039	0		0.198	G_DRY				T
	2704 R2		1.039	0		0.198	G_DRY				T
	2704 R2		1.039	0		0.198	G_DRY				T
	2704 R2		1.039	0		0.198	G_DRY				T
	2704 R2		7	0		0.198	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		1.046	0		0.196	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		2	0		0.196	G_DRY				T
	2704 R3		1.046	0		0.196	G_DRY				T
	2704 R3		10.25	0		0.196	G_DRY				T
	2704 R3		1.046	0		0.196	G_DRY				T
	2704 R3		1.046	0		0.196	G_DRY				T
	2704 R3		1.046	0		0.196	G_DRY				T
	2704 R3		1.046	0		0.196	G_DRY				T
	2704 R3		7	0		0.196	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		2	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		1.063	0		0.195	G_DRY				T
	2711 R1		13	0		0.195	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		1.041	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		1.041	0		0.198	G_DRY				T
	2711 R2		1.041	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		1.041	0		0.198	G_DRY				T
	2711 R2		1.041	0		0.198	G_DRY				T
	2711 R2		2	0		0.198	G_DRY				T
	2711 R2		1.041	0		0.198	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	8%	% difference			0.400
	2711 R2	MSL	SRM		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	14%	% difference			0.008
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Aluminum	7429-90-5	M	L-44	59%	% difference	&		4.0
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Vanadium	7440-62-2	M	L-44	22%	% difference			1.08
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Manganese	7439-96-5	M	L-44	15%	% difference			0.064
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Iron	7439-89-6	M	L-44	12%	% difference			1.1
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Cobalt	7440-48-4	M	L-42	13%	% difference			1.34
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Nickel	7440-02-0	M	L-44	9%	% difference			3.1
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Copper	7440-50-8	M	L-44	5%	% difference			0.39
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Zinc	7440-66-6	M	L-44	6%	% difference			0.38
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Arsenic	7440-38-2	M	L-42	8%	% difference			2.00
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Molybdenum	13939-06-5	M	L-42	27%	% difference	~		1.6
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Silver	7440-22-4	M	L-44	3%	% difference			0.36
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Cadmium	7440-43-9	M	L-42	9%	% difference			0.710
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Antimony	7440-36-0	M	L-42	94%	% difference	&		0.080
	2711 R3	MSL	SRM		8/8/2001	8/31/2001			Barium	7440-39-3	M	L-44	23%	% difference			0.040
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Thallium	7440-28-0	M	L-42	2%	% difference			0.080
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Lead	7439-92-1	M	L-42	7%	% difference			0.400
	2711 R3	MSL	SRM		8/8/2001	8/15/2001			Mercury	7439-97-6	M	L-41	10%	% difference			0.008
	IAEA-356 R1	MSL	SRM		8/8/2001	8/15/2001			Methyl mercury	22967-92-6	M	L-40	25%	% difference			0.0002
	IAEA-356 R2	MSL	SRM		8/8/2001	8/15/2001			Methyl mercury	22967-92-6	M	L-40	27%	% difference	~		0.0002
	NIST 1944 R1	MSL	SRM		8/8/2001	8/15/2001			Methyl mercury	22967-92-6	M	L-40	8%	% difference			0.0002
	NIST 1944 R2	MSL	SRM		8/8/2001	8/15/2001			Methyl mercury	22967-92-6	M	L-40	5%	% difference			0.0002
GMP-SD-5007-0000-01	1678*116	MSL	MS	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	92%	% recovery			0.4
GMP-SD-5007-0000-01	1678*116	MSL	MS	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	100%	% recovery			0.032
GMP-SD-5007-0000-01	1678*116	MSL	MS	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	112%	% recovery			0.8
GMP-SD-5007-0000-01	1678*116	MSL	MS	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	98%	% recovery			0.16
GMP-SD-5007-0000-01	1678*116	MSL	MS	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	102%	% recovery			0.08
GMP-SD-5007-0000-01	1678*116	MSL	MS	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	93%	% recovery			0.08
GMP-SD-5007-0000-01	1678*116	MSL	MSD	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	98%	% recovery			0.4
GMP-SD-5007-0000-01	1678*116	MSL	MSD	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	100%	% recovery			0.032
GMP-SD-5007-0000-01	1678*116	MSL	MSD	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	118%	% recovery			0.8
GMP-SD-5007-0000-01	1678*116	MSL	MSD	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	99%	% recovery			0.16
GMP-SD-5007-0000-01	1678*116	MSL	MSD	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	102%	% recovery			0.08
GMP-SD-5007-0000-01	1678*116	MSL	MSD	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	106%	% recovery			0.08
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	103%	% recovery			0.016
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	106%	% recovery			1.08
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	103%	% recovery			1.0
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	229%	% recovery	~		0.064
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	104%	% recovery			1.34
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	101%	% recovery			3.1
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	100%	% recovery			0.39
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	122%	% recovery			0.38
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	105%	% recovery			2.00
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	86%	% recovery			1.06
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	92%	% recovery			1.6
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	92%	% recovery			0.36
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	111%	% recovery			0.710
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	5%	% recovery	&		0.080
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	132%	% recovery	~		0.040
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	110%	% recovery			0.080
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	105%	% recovery			0.400

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	2711 R2		1.041	0		0.198	G_DRY				T
	2711 R2		13	0		0.198	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		2	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		1.022	0		0.201	G_DRY				T
	2711 R3		13	0		0.201	G_DRY				T
	IAEA-356 R1		1	0		0.140	G_DRY				T
	IAEA-356 R2		1	0		0.150	G_DRY				T
	NIST 1944 R1		1	0		0.158	G_DRY				T
	NIST 1944 R2		1	0		0.155	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
GMP-SD-5007-0000-01	1678*116		10	83.3		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.197	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.051	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.051	69.9		0.197	G_DRY				T
RAB-SD-5008-0000-01	1678*117		20.7	69.9		0.197	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.051	69.9		0.197	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.201	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.051	69.9		0.201	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.02	69.9		0.201	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.203	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.02	69.9		0.201	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.017	69.9		0.203	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	103%	% recovery			0.008
RAB-SD-5008-0000-01	1678*117	MSL	MS	7/9/2001	8/8/2001	8/15/2001		3	Methyl mercury	22967-92-6	M	L-40	92%	% recovery			0.0002
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	94%	% recovery			0.016
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	114%	% recovery			1.08
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	109%	% recovery			1.0
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	337%	% recovery	-		0.064
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	107%	% recovery			1.34
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	107%	% recovery			3.1
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	106%	% recovery			0.39
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	172%	% recovery	-		0.38
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	87%	% recovery			2.00
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	86%	% recovery			1.06
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	88%	% recovery			1.6
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	96%	% recovery			0.36
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	117%	% recovery			0.710
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	5%	% recovery	&		0.080
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	186%	% recovery	-		0.040
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	110%	% recovery			0.080
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	149%	% recovery	-		0.400
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	102%	% recovery			0.008
RAB-SD-5008-0000-01	1678*117	MSL	MSD	7/9/2001	8/8/2001	8/15/2001		3	Methyl mercury	22967-92-6	M	L-40	83%	% recovery			0.0002
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	110%	% recovery			0.016
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	106%	% recovery			1.08
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	133%	% recovery	-		1.0
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	131%	% recovery	-		0.064
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	103%	% recovery			1.34
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	102%	% recovery			3.1
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	103%	% recovery			0.39
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	125%	% recovery			0.38
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	106%	% recovery			2.00
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	78%	% recovery			1.06
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	115%	% recovery			1.6
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	96%	% recovery			0.36
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	92%	% recovery			0.710
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	16%	% recovery	-		0.080
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	118%	% recovery			0.040
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	107%	% recovery			0.080
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	174%	% recovery	-		0.400
RWR-SD-5003-0000-01	1678*156	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	99%	% recovery			0.008
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	118%	% recovery			0.016
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	111%	% recovery			1.08
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	129%	% recovery			1.0
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	138%	% recovery	-		0.064
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	103%	% recovery			1.34
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	103%	% recovery			3.1
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	104%	% recovery			0.39
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	110%	% recovery			0.38
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	104%	% recovery			2.00
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	90%	% recovery			1.06
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	115%	% recovery			1.6
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	82%	% recovery			0.36
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	108%	% recovery			0.710

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RAB-SD-5008-0000-01	1678*117		2	69.9		0.201	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1	69.9		1.393	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.204	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.017	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.017	69.9		0.204	G_DRY				T
RAB-SD-5008-0000-01	1678*117		20.743	69.9		0.204	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.017	69.9		0.204	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.196	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.017	69.9		0.196	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.02	69.9		0.196	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.02	69.9		0.196	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1.038	69.9		0.198	G_DRY				T
RAB-SD-5008-0000-01	1678*117		2	69.9		0.196	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1	69.9		1.315	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.197	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.014	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.014	36.4		0.204	G_DRY				T
RWR-SD-5003-0000-01	1678*156		20.679	36.4		0.204	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.014	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.197	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.014	36.4		0.197	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.042	36.4		0.197	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.042	36.4		0.197	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.049	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.197	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.198	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.058	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.058	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		20.732	36.4		0.196	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.058	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.198	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.058	36.4		0.198	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	18%	% recovery	-		0.080
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	132%	% recovery	-		0.040
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	111%	% recovery			0.080
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	116%	% recovery			0.400
RWR-SD-5003-0000-01	1678*156	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	100%	% recovery			0.008
RWR-SD-5003-0000-01	1678*155	MSL	MS	7/12/2001	8/8/2001	8/15/2001		4	Methyl mercury	22967-92-6	M	L-40	124%	% recovery			0.0002
RWR-SD-5003-0000-01	1678*155	MSL	MSD	7/12/2001	8/8/2001	8/15/2001		4	Methyl mercury	22967-92-6	M	L-40	120%	% recovery			0.0002
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	7/20/2001		3	AVS		M	MSL-C-001	226	µg/g - dry wt			2.43
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	8/7/2001		3	SEM Ni	7440-02-0	M	L-42	5.53	µg/g - dry wt			0.4
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	8/7/2001		3	SEM Cu	7440-50-8	M	L-42	9.55	µg/g - dry wt			0.032
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	8/7/2001		3	SEM Zn	7440-66-6	M	L-42	167	µg/g - dry wt			0.8
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	11/6/2001		3	SEM Cd	7440-43-9	M	L-42	0.106	µg/g - dry wt	J		0.16
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	8/7/2001		3	SEM Pb	7439-92-1	M	L-42	78.0	µg/g - dry wt			0.08
RAB-SD-5008-0000-01	1678*117	MSL	DUPLICATE	7/9/2001	7/20/2001	10/31/2001		3	SEM Hg	7439-97-6	M	L-41	0.00357	µg/g - dry wt	J		0.08
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Beryllium	7440-41-7	M	L-44	1.46	µg/g - dry wt			0.016
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Aluminum	7429-90-5	M	L-44	18974	µg/g - dry wt			4.0
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Vanadium	7440-62-2	M	L-44	50.8	µg/g - dry wt			1.08
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Chromium	7440-47-3	M	L-44	147	µg/g - dry wt			1.0
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Manganese	7439-96-5	M	L-44	654	µg/g - dry wt			0.064
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Iron	7439-89-6	M	L-44	27493	µg/g - dry wt			1.1
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Cobalt	7440-48-4	M	L-42	9.16	µg/g - dry wt			1.34
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Nickel	7440-02-0	M	L-44	42.8	µg/g - dry wt			3.1
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Copper	7440-50-8	M	L-44	138	µg/g - dry wt			0.39
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Zinc	7440-66-6	M	L-44	486	µg/g - dry wt			0.38
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Arsenic	7440-38-2	M	L-42	4.19	µg/g - dry wt			2.00
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	9/10/2001		3	Selenium	7782-49-2	M	MSL-I-30	0.486	µg/g - dry wt	J		1.06
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Molybdenum	13939-06-5	M	L-42	2.84	µg/g - dry wt			1.6
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Silver	7440-22-4	M	L-44	1.22	µg/g - dry wt			0.36
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Cadmium	7440-43-9	M	L-42	2.62	µg/g - dry wt			0.710
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Antimony	7440-36-0	M	L-42	0.0916	µg/g - dry wt			0.080
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/31/2001		3	Barium	7440-39-3	M	L-44	189	µg/g - dry wt			0.040
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Thallium	7440-28-0	M	L-42	0.436	µg/g - dry wt			0.080
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Lead	7439-92-1	M	L-42	398	µg/g - dry wt			0.400
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Mercury	7439-97-6	M	L-41	0.342	µg/g - dry wt			0.008
LPX-SD-4013-0000-01	1678*123	MSL	DUPLICATE	7/10/2001	8/8/2001	8/15/2001		3	Methyl mercury	22967-92-6	M	L-40	0.000479	µg/g - dry wt			0.0002
WRL-SD-4005-0000-01	1678*163	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Methyl mercury	22967-92-6	M	L-40	0.0104	µg/g - dry wt			0.0002
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Beryllium	7440-41-7	M	L-44	0.991	µg/g - dry wt			0.016
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Aluminum	7429-90-5	M	L-44	8544	µg/g - dry wt			4.0
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Vanadium	7440-62-2	M	L-44	54.4	µg/g - dry wt			1.08
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Chromium	7440-47-3	M	L-44	55.8	µg/g - dry wt			1.0
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Manganese	7439-96-5	M	L-44	403	µg/g - dry wt			0.064
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Iron	7439-89-6	M	L-44	14486	µg/g - dry wt			1.1
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Cobalt	7440-48-4	M	L-42	6.29	µg/g - dry wt			1.34
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Nickel	7440-02-0	M	L-44	17.5	µg/g - dry wt			3.1
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Copper	7440-50-8	M	L-44	55.3	µg/g - dry wt			0.39
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Zinc	7440-66-6	M	L-44	205	µg/g - dry wt			0.38
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Arsenic	7440-38-2	M	L-42	5.11	µg/g - dry wt			2.00
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	9/10/2001		4	Selenium	7782-49-2	M	MSL-I-30	0.520	µg/g - dry wt	J		1.06
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Molybdenum	13939-06-5	M	L-42	7.43	µg/g - dry wt			1.6
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Silver	7440-22-4	M	L-44	0.347	µg/g - dry wt	J		0.36
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Cadmium	7440-43-9	M	L-42	1.10	µg/g - dry wt			0.710
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Antimony	7440-36-0	M	L-42	0.175	µg/g - dry wt			0.080

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
RWR-SD-5003-0000-01	1678*156		1.036	36.4		0.198	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.036	36.4		0.198	G_DRY				T
RWR-SD-5003-0000-01	1678*156		1.034	36.4		0.200	G_DRY				T
RWR-SD-5003-0000-01	1678*156		2	36.4		0.198	G_DRY				T
RWR-SD-5003-0000-01	1678*155		3	36.4		1.618	G_DRY				T
RWR-SD-5003-0000-01	1678*155		3	36.4		1.254	G_DRY				T
RAB-SD-5008-0000-01	1678*117		1	69.9		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.200	G_DRY				T
RAB-SD-5008-0000-01	1678*117		10	69.9		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		10.203	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1.02	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		2	62.3		0.200	G_DRY				T
LPX-SD-4013-0000-01	1678*123		1	62.3		1.383	G_DRY				T
WRL-SD-4005-0000-01	1678*163		1	42.5		1.347	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		10.242	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/31/2001		4	Barium	7440-39-3	M	L-44	91.9	µg/g - dry wt			0.040
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Thallium	7440-28-0	M	L-42	0.209	µg/g - dry wt			0.080
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Lead	7439-92-1	M	L-42	119	µg/g - dry wt			0.400
WRL-SD-071201-A	1678*164	MSL	DUPLICATE	7/12/2001	8/8/2001	8/15/2001		4	Mercury	7439-97-6	M	L-41	0.358	µg/g - dry wt			0.008

US EPA ARCHIVE DOCUMENT

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		1.035	46.6		0.198	G_DRY				T
WRL-SD-071201-A	1678*164		2	46.6		0.198	G_DRY				T

US EPA ARCHIVE DOCUMENT

Section 6
SVOC (phenols and phthalates) Results

QA/QC Narrative
Sediment and QC Results

US EPA ARCHIVE DOCUMENT

QA/QC Narrative

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STL Baltimore
ANALYTICAL NARRATIVE

Client: **Battelle Duxbury Operations**	STL Baltimore Report: **200929**
Site: **Centredale**	Laboratory Project Manager: **Tara E. Martz**
Project number: **Centredale**	Report Date: **20 August 2001**

This report contains the results of the analysis of nine soil samples collected on 9 and 10 July 2001 in support of the referenced project.

SAMPLE RECEIPT

The samples arrived with custody seals intact by Federal Express at STL Baltimore on 12 July 2001. Upon receipt, the samples were inspected and compared with the chain-of-custody records. The samples were then logged into the laboratory computer system with assigned laboratory accession numbers and released for analysis.

Client Sample Designation	ST Lab Number
GMP-SD-5007-0000-01	200929-1
RAB-SD-5008-0000-01	200929-2
APB-SD-4008-0000-01	200929-3
APB-SD-4009-0000-01	200929-4
APB-SD-4010-0000-01	200929-5
LPX-SD-4011-0000-01	200929-6
LPX-SD-4012-0000-01	200929-7
LPX-SD-4013-0000-01	200929-8
LPX-SD-4013-DUP	200929-9

Following this narrative section are glossaries of data qualifiers (Table 1), codes associated with manual integration of chromatographic peaks (Table 2), and the original chain-of-custody records. Analytical results and quality control information are summarized in the appended data package which has been formatted to be consistent with the deliverable requirements of this project.

ANALYTICAL METHODS

The analytical methods used by the laboratory are referenced by the STL Baltimore Method SOP which is formatted as STL-M-XXXXX-Y, where XXXXX is the reference method and Y is the SOP revision number. For example, analyses performed using EPA SW846 Method 8260B are identified as STL-M-8260B-3 where 3 is the laboratory SOP revision number. General Chemistry methods which are a consolidation of several reference methods, e.g. STL-M-CN for cyanide determinations, also include the identification of the specific reference method used for the analyses.

QUALITY CONTROL

The following sections are ordered as the data appears in this report. They contain observations

STL Baltimore
ANALYTICAL NARRATIVE

929 for 11/2/01

Client: Battelle Duxbury Operations | **STL Baltimore Report: 200903**
Site: Centerdale | **Laboratory Project Manager: Tara E. Martz**
Project number: G487002-22B1 | **Report Date: 20 August 2001**

made during sample analysis, summarize the results of quality control measurements, and address the impact on data usability based upon project Data Quality Objectives. For each fractional analysis the narrative includes:

- Sample chronology: This section summarizes the sample history by fraction including the sample preparation method and date, analytical method, and analysis date. Anything unusual about the samples, digestates, or extracts is identified. Holding time compliance is evaluated in this section.

- Laboratory method performance: All quality control criteria for method performance must be met for all target analytes for data to be reported. These criteria generally apply to instrument tune, calibration, method blanks, and Laboratory Control Samples (LCS). In some instances where method criteria fail, useable data can be obtained and are reported with client approval. The narrative will then include a thorough discussion of the impact on data quality.

- Sample performance: Quality control field samples are analyzed to determine any measurement bias due to the sample matrix based on evaluation of matrix spikes (MS), matrix spike duplicates (MSD), and laboratory duplicates (D). If acceptance criteria are not met, matrix interferences are confirmed either by reanalysis or by inspection of the LCS results to verify that laboratory method performance is in control. Data are reported with appropriate qualifiers or discussion.

SEMIVOLATILES by GC/MS - SOIL (STL200929: 1-9)

Sample Chronology: Nine samples and associated quality control were extracted on 20 July 2001 following the procedures specified in STL-M-3540C-2. The resultant extracts were analyzed on 31 July and 02 August 2001 for the project specific list of analytes following the procedures in STL-M-8270C-2. All holding times were met.

Sample APB-SD-4010-0000-01, required a 3X dilution in order to bring the concentration of the target analyte bis(2-ethylhexyl)phthalate within the calibration range of the instrument.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples.

Sample Performance: All quality control criteria were met for the reported samples with the following exceptions:

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STL Baltimore
ANALYTICAL NARRATIVE

Client: Battelle Duxbury Operations	**STL Baltimore Report: 200903** 929 11/2/01
Site: Centerdale	**Laboratory Project Manager: Tara E. Martz**
Project number: G487002-22B1	**Report Date: 20 August 2001**

SamplesAPB-SD-4010-0000-01 and LPX-SD-4013-DUPMS/MSD, had the recovery for surrogate terphenyl-d14 (139%, 128%, 114%), above the upper laboratory QC limit of 110%. Sample RAB-SD-5008-0000-01 had the recovery for surrogate 2-fluorobiphenyl (49%), slightly below the lower QC limit of 53%.

The batch MS and MSD, performed on sample LPX-SD-4013-DUP had recoveries for the target analytes 2,4-dinitrophenol (6%, 2%) and bis(2-ethylhexyl)phthalate (222%, 233%) outside the QC limits of 27% and 122%, respectively. The MS also had the recovery for butyl benzyl phthalate (130%), slightly above the upper QC limit of 127%, while the MSD also had the control analyte carbazole(113%), slightly above the upper QC limit of 111%. All recoveries were within QC limits for the LCS, indicating acceptable method performance.

Samples APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, APB-SD-4010-0000-01 DL, LPX-SD-4011-0000-01, LPX-SD-4012-0000-01, LPX-SD-4013-0000-01, LPX-SD-4013-DUP and LPX-SD-4013-DUP MS/MSD had one or more internal standards below the lower limit of 50% of the daily referenced standard. The method blank and LCS were within QC limits, indicating acceptable method performance.

CERTIFICATION OF RESULTS

1. STL Baltimore certifies that the reported results relate only to those samples tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

2. STL Baltimore has been accredited to be in compliance with these standards and the reported test results meet all the requirements of the National Environmental Laboratory Accreditation Conference (NELAC) standards. NELAP Primary Accrediting Authority laboratory IDs, #10692 (NYDOH) and #E87032 (FLDOH)

3. Release of the data contained in this report has been authorized by the Laboratory Project Manager as verified by the following signature.

20 August 2001

Tara E. Martz, Laboratory Project Manager

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STL Baltimore
ANALYTICAL NARRATIVE

Client: Battelle Duxbury Operations
Site: Centredale
Project number: Centredale

STL Baltimore Report: 200959
Laboratory Project Manager: Tara E. Martz
Report Date: 12 September 2001

This report contains the results of the analysis of one soil and six water samples collected on 16 and 17 July 2001 in support of the referenced project.

SAMPLE RECEIPT

The samples arrived with custody seals absent by Federal Express at STL Baltimore on 18 July 2001. Upon receipt, the samples were inspected and compared with the chain-of-custody records. The samples were then logged into the laboratory computer system with assigned laboratory accession numbers and released for analysis.

① SVOC results reported only. Sample results for all other samples in this SDG reported with Battelle water chemistry data report (11/7/01).

DTDahlen 11/3/01

Client Sample Designation	STL Lab Number
RWR-SW-5001-01	200959-1
RWR-SW-5002-01	200959-2
RAB-SW-5004-01	200959-3
WRL-SW-4004-01	200959-4
WRL-DU-070701-A(DUP)	200959-5
WRL-SW-4005-01	200959-6
①LPX-SD-071601-A(DUP)	200959-7
TRIP BLANK	200959-8

Following this narrative section are glossaries of data qualifiers (Table 1), codes associated with manual integration of chromatographic peaks (Table 2), and the original chain-of-custody records. Analytical results and quality control information are summarized in the appended data package which has been formatted to be consistent with the deliverable requirements of this project.

ANALYTICAL METHODS

The analytical methods used by the laboratory are referenced by the STL Baltimore Method SOP which is formatted as STL-M-XXXXX-Y, where XXXXX is the reference method and Y is the SOP revision number. For example, analyses performed using EPA SW846 Method 8260B are identified as STL-M-8260B-3 where 3 is the laboratory SOP revision number. General Chemistry methods which are a consolidation of several reference methods, e.g. STL-M-CN for cyanide determinations, also include the identification of the specific reference method used for the analyses.

QUALITY CONTROL

The following sections are ordered as the data appears in this report. They contain observations made during sample analysis, summarize the results of quality control measurements, and address the

STL Baltimore
ANALYTICAL NARRATIVE

Client: Battelle Duxbury Operations	**STL Baltimore Report: 200959**
Site: Centerdale	**Laboratory Project Manager: Tara E. Martz**
Project number: G487002-22B1	**Report Date: 12 September 2001**

impact on data usability based upon project Data Quality Objectives. For each fractional analysis the narrative includes:

- Sample chronology: This section summarizes the sample history by fraction including the sample preparation method and date, analytical method, and analysis date. Anything unusual about the samples, digestates, or extracts is identified. Holding time compliance is evaluated in this section.

- Laboratory method performance: All quality control criteria for method performance must be met for all target analytes for data to be reported. These criteria generally apply to instrument tune, calibration, method blanks, and Laboratory Control Samples (LCS). In some instances where method criteria fail, useable data can be obtained and are reported with client approval. The narrative will then include a thorough discussion of the impact on data quality.

- Sample performance: Quality control field samples are analyzed to determine any measurement bias due to the sample matrix based on evaluation of matrix spikes (MS), matrix spike duplicates (MSD), and laboratory duplicates (D). If acceptance criteria are not met, matrix interferences are confirmed either by reanalysis or by inspection of the LCS results to verify that laboratory method performance is in control. Data are reported with appropriate qualifiers or discussion.

VOLATILES by GC/MS - WATER (STL200959-01 to STL200954-06 and STL200959-08)

Sample Chronology: Seven samples and associated quality control were analyzed on 27 July 2001 for the client specified list of analytes following the procedures specified in STL-M-5030B-1/STL-M-8260B-4. All holding times were met.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples with the following exceptions:

The batch LCS, V01GLCSE15, had numerous recoveries outside of the project specified QC limits.

Sample Performance: All quality control criteria were met for the reported samples with the following exceptions:

The batch MS/MSD, performed on sample RAB-SW-5004-01, had numerous recoveries outside of the project specified QC limits.

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STL Baltimore
ANALYTICAL NARRATIVE

Client: **Battelle Duxbury Operations**	STL Baltimore Report: **200959**
Site: **Centerdale**	Laboratory Project Manager: **Tara E. Martz**
Project number: **G487002-22B1**	Report Date: **12 September 2001**

SEMIVOLATILES by GC/MS - SEDIMENT (STL200959: 7)

Sample Chronology: One sample and associated quality control were extracted on 26 July 2001 following the procedures specified in STL-M-3540C-2. The resultant extracts were analyzed on 09 August 2001 for the project specific list of analytes following the procedures in STL-M-8270C-2. All holding times were met.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported sample.

Sample Performance: All quality control criteria were met for the reported sample.

SEMIVOLATILES by GC/MS - WATER (STL200959: 1-6)

Sample Chronology: Six samples and associated quality control were extracted on 20 July 2001 following the procedures specified in STL-M-3520C-0. The resultant extracts were analyzed on 26-27 and 30 July 2001 for the project specific list of analytes following the procedures in STL-M-8270C-2. All holding times were met.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples with the following exceptions:

The batch LCS had the recovery for the control analyte, pentachlorophenol (23%), below the lower laboratory QC limit of 68%. This LCS also had no recovery of 2,4-dinitrophenol. However, the recoveries for these analytes in the batch MS and MSD, performed on sample RAB-SW-5004-01 were within QC limits.

Sample Performance: All quality control criteria were met for the reported samples with the following exceptions:

The MSD performed on sample RAB-SW-5004-01 had the recoveries for the surrogate, terphenyl-d14 (105%) and the control analyte, di-n-octyl-phthalate (124%) just above the upper QC limits of 101% and 121%, respectively.

CERTIFICATION OF RESULTS

1. STL Baltimore certifies that the reported results relate only to those samples tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be

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STL Baltimore
ANALYTICAL NARRATIVE

Client: Battelle Duxbury Operations	**STL Baltimore Report: 200959**
Site: Centerdale	**Laboratory Project Manager: Tara E. Martz**
Project number: G487002-22B1	**Report Date: 12 September 2001**

reproduced only in its entirety.

2. STL Baltimore has been accredited to be in compliance with these standards and the reported test results meet all the requirements of the National Environmental Laboratory Accreditation Conference (NELAC) standards. NELAP Primary Accrediting Authority laboratory IDs, #10692 (NYDOH) and #E87032 (FLDOH)

3. Release of the data contained in this report has been authorized by the Laboratory Project Manager as verified by the following signature.

12 September 2001
Tara E. Martz, Laboratory Project Manager

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STL Baltimore
ANALYTICAL NARRATIVE

Client: **Battelle Duxbury Operations**	STL Baltimore Report: **200964**
Site: **Centredale**	Laboratory Project Manager: **Tara E. Martz**
Project number: **Centredale**	Report Date: **30 August 2001**

This report contains the results of the analysis of two soil and two water samples collected on 16 July 2001 in support of the referenced project.

SAMPLE RECEIPT

The samples arrived with custody seals absent by Federal Express at STL Baltimore on 19 July 2001. Upon receipt, the samples were inspected and compared with the chain-of-custody records. The samples were then logged into the laboratory computer system with assigned laboratory accession numbers and released for analysis.

1) SVOC- results for this PE sample reported with the Battelle sediment chemistry data report. Data for all other PE samples reported with other reports (water, soil). DTDahlen 11/3/01

Client Sample Designation	ST Lab Number
W5427 - water PE	200964-1
W5428(1)	200964-2
W5429 - soil PE	200964-3
W5431 - water PE	200964-4

Following this narrative section are glossaries of data qualifiers (Table 1), codes associated with manual integration of chromatographic peaks (Table 2), and the original chain-of-custody records. Analytical results and quality control information are summarized in the appended data package which has been formatted to be consistent with the deliverable requirements of this project.

ANALYTICAL METHODS

The analytical methods used by the laboratory are referenced by the STL Baltimore Method SOP which is formatted as STL-M-XXXXX-Y, where XXXXX is the reference method and Y is the SOP revision number. For example, analyses performed using EPA SW846 Method 8260B are identified as STL-M-8260B-3 where 3 is the laboratory SOP revision number. General Chemistry methods which are a consolidation of several reference methods, e.g. STL-M-CN for cyanide determinations, also include the identification of the specific reference method used for the analyses.

QUALITY CONTROL

The following sections are ordered as the data appears in this report. They contain observations made during sample analysis, summarize the results of quality control measurements, and address the impact on data usability based upon project Data Quality Objectives. For each fractional analysis the narrative includes:

STL Baltimore
ANALYTICAL NARRATIVE

Client: Battelle Duxbury Operations
Site: Centerdale
Project number: G487002-22B1

STL Baltimore Report: 200964 11/2/01
Laboratory Project Manager: Tara E. Martz
Report Date: 30 August 2001

- **Sample chronology: This section summarizes the sample history by fraction including the sample preparation method and date, analytical method, and analysis date. Anything unusual about the samples, digestates, or extracts is identified. Holding time compliance is evaluated in this section.**

- **Laboratory method performance: All quality control criteria for method performance must be met for all target analytes for data to be reported. These criteria generally apply to instrument tune, calibration, method blanks, and Laboratory Control Samples (LCS). In some instances where method criteria fail, useable data can be obtained and are reported with client approval. The narrative will then include a thorough discussion of the impact on data quality.**

- **Sample performance: Quality control field samples are analyzed to determine any measurement bias due to the sample matrix based on evaluation of matrix spikes (MS), matrix spike duplicates (MSD), and laboratory duplicates (D). If acceptance criteria are not met, matrix interferences are confirmed either by reanalysis or by inspection of the LCS results to verify that laboratory method performance is in control. Data are reported with appropriate qualifiers or discussion.**

VOLATILES by GC/MS - WATER (STL200964-04)

Sample Chronology: One sample and associated quality control were analyzed on 30 July 2001 for the client specified list of analytes following the procedures specified in STL-M-5030B-1/STL-M-8260B-4. All holding times were met.

The batch MS/MSD, analyzed on 30 July 2001, was performed on other client's sample. The results for these QC analyses have not been included in this report.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples with the following exceptions:

The batch LCS, V01GLCSE16, had numerous recoveries outside of the project specified QC limits.

Sample Performance: All quality control criteria were met for the reported samples.

SEMIVOLATILES by GC/MS - WATER (STL200964: 2, 3)

Sample Chronology: Two samples and associated quality control were extracted on 26 July 2001 following the procedures specified in STL-M-3540C-2. The resultant extracts were analyzed on

STL Baltimore
ANALYTICAL NARRATIVE

Client: **Battelle Duxbury Operations**
Site: **Centerdale**
Project number: **G487002-22B1**

STL Baltimore Report: **200905**
Laboratory Project Manager: **Tara E. Martz**
Report Date: **30 August 2001**

09, 12 August 2001 for the project specific list of analytes following the procedures in STL-M-8270C-2. All holding times were met.

The samples were re-analyzed at 2X dilutions to bring the extract concentrations of the target analyte, phenol, within the instrument calibration range.

The batch MS/MSD was performed on another client's sample.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples.

Sample Performance: All quality control criteria were met for the reported samples.

SEMIVOLATILES by GC/MS - WATER (STL200964: 1)

Sample Chronology: One sample and associated quality control were extracted on 20 July 2001 following the procedures specified in STL-M-3520C-0. The resultant extracts were analyzed on 26-27 July 2001 for the project specific list of analytes following the procedures in STL-M-8270C-2. All holding times were met.

The batch MS/MSD was performed on another Batelle/Centredale sample, RAB-SW-5004-01. All data associated with these QC analyses were included in this report.

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples with the following exceptions:

The batch LCS had the recovery for the control analyte, pentachlorophenol (23%), below the lower laboratory QC limit of 68%. This LCS also had no recovery of 2,4-dinitrophenol. However, the recoveries for these analytes in the batch MS and MSD, were within QC limits.

Sample Performance: All quality control criteria were met for the reported sample.

CERTIFICATION OF RESULTS

1. STL Baltimore certifies that the reported results relate only to those samples tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

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STL Baltimore
ANALYTICAL NARRATIVE

Client: Battelle Duxbury Operations	STL Baltimore Report: **200905**
Site: Centerdale	Laboratory Project Manager: **Tara E. Martz**
Project number: G487002-22B1	Report Date: **30 August 2001**

2. STL Baltimore has been accredited to be in compliance with these standards and the reported test results meet all the requirements of the National Environmental Laboratory Accreditation Conference (NELAC) standards. NELAP Primary Accrediting Authority laboratory IDs, #10692 (NYDOH) and #E87032 (FLDOH).

3. Release of the data contained in this report has been authorized by the Laboratory Project Manager as verified by the following signature.

Tara E. Martz 30 August 2001
Tara E. Martz, Laboratory Project Manager

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Moisture		WET	ASTM D2216	81.5	%			0.1
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Solids		WET	ASTM D2216	18.5	%			0.1
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol	108-95-2	OS	SW846 8270C	890	ug/Kg-dry wt	U		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	890	ug/Kg-dry wt	U		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	4600	ug/Kg-dry wt	U		4600
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	890	ug/Kg-dry wt	U		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	4600	ug/Kg-dry wt	U		4600
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	4600	ug/Kg-dry wt	U		4600
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	4600	ug/Kg-dry wt	U		4600
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Carbazole	86-74-8	OS	SW846 8270C	130	ug/Kg-dry wt	J		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	110	ug/Kg-dry wt	J		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	890	ug/Kg-dry wt	U		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	950	ug/Kg-dry wt			890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	890	ug/Kg-dry wt	U		890
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	93	%RECOVERY			
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	75	%RECOVERY			
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Fluorophenol (surr)		OS	SW846 8270C	55	%RECOVERY			
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	70	%RECOVERY			
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol-d5 (surr)		OS	SW846 8270C	71	%RECOVERY			
GMP-SD-5007-0000-01	200929-001	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	105	%RECOVERY			
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Moisture		WET	ASTM D2216	71.2	%			0.1
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Solids		WET	ASTM D2216	28.8	%			0.1
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol	108-95-2	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	2900	ug/Kg-dry wt	U		2900
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	2900	ug/Kg-dry wt	U		2900
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	2900	ug/Kg-dry wt	U		2900
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	2900	ug/Kg-dry wt	U		2900
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Carbazole	86-74-8	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	650	ug/Kg-dry wt			570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	570	ug/Kg-dry wt	U		570
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	80	%RECOVERY			
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	49	%RECOVERY			
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Fluorophenol (surr)		OS	SW846 8270C	61	%RECOVERY			
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	69	%RECOVERY			
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol-d5 (surr)		OS	SW846 8270C	77	%RECOVERY			
RAB-SD-5008-0000-01	200929-002	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	75	%RECOVERY			
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Moisture		WET	ASTM D2216	76.2	%			0.1
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Solids		WET	ASTM D2216	23.8	%			0.1
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol	108-95-2	OS	SW846 8270C	690	ug/Kg-dry wt	U		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	470	ug/Kg-dry wt	J		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	3600	ug/Kg-dry wt	U		3600
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	690	ug/Kg-dry wt	U		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	3600	ug/Kg-dry wt	U		3600
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	3600	ug/Kg-dry wt	U		3600
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	3600	ug/Kg-dry wt	U		3600
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Carbazole	86-74-8	OS	SW846 8270C	110	ug/Kg-dry wt	J		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	690	ug/Kg-dry wt	U		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	270	ug/Kg-dry wt	J		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	900	ug/Kg-dry wt			690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	690	ug/Kg-dry wt	U		690
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	73	%RECOVERY			
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	55	%RECOVERY			
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Fluorophenol (surr)		OS	SW846 8270C	59	%RECOVERY			
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	60	%RECOVERY			
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol-d5 (surr)		OS	SW846 8270C	77	%RECOVERY			
APB-SD-4008-0000-01	200929-003	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	94	%RECOVERY			
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Moisture		WET	ASTM D2216	63.2	%			0.1
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/19/2001	7/19/2001		200929	% Solids		WET	ASTM D2216	36.8	%			0.1
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Phenol	108-95-2	OS	SW846 8270C	450	ug/Kg-dry wt	U		450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	450	ug/Kg-dry wt	U		450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	2300	ug/Kg-dry wt	U		2300
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	450	ug/Kg-dry wt	U		450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	2300	ug/Kg-dry wt	U		2300
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	2300	ug/Kg-dry wt	U		2300
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/2001	7/20/2001	7/31/2001		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	2300	ug/Kg-dry wt	U		2300

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE-UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
GMP-SD-5007-0000-01	200929-001		1	81.5				81.5			T
GMP-SD-5007-0000-01	200929-001		1	81.5				18.5			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	130	J		T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	110	J		T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	950	J		T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	R			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	93			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	75			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	55			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	70			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	71			T
GMP-SD-5007-0000-01	200929-001		1	81.5		60	G_WET	105			T
RAB-SD-5008-0000-01	200929-002		1	71.2				71.2			T
RAB-SD-5008-0000-01	200929-002		1	71.2				28.8			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	650	J		T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	R			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	80			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	49			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	61			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	69			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	77			T
RAB-SD-5008-0000-01	200929-002		1	71.2		60.2	G_WET	75			T
APB-SD-4008-0000-01	200929-003		1	76.2				76.2			T
APB-SD-4008-0000-01	200929-003		1	76.2				23.8			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	470	J		T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	110	J		T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	270	J		T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	900	J		T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	R			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	73			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	55			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	59			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	60			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	77			T
APB-SD-4008-0000-01	200929-003		1	76.2		60	G_WET	94			T
APB-SD-4009-0000-01	200929-004		1	63.2				63.2			T
APB-SD-4009-0000-01	200929-004		1	63.2				36.8			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	450	U		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	450	U		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	2300	U		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	450	U		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	2300	UJ		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	2300	UJ		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	2300	UJ		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	1600	ug/Kg-dry wt			450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	450	ug/Kg-dry wt	U		450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	140	ug/Kg-dry wt	J		450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	1200	ug/Kg-dry wt			450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	450	ug/Kg-dry wt	U		450
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	70	%RECOVERY			
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	56	%RECOVERY			
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	61	%RECOVERY			
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	65	%RECOVERY			
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	77	%RECOVERY			
APB-SD-4009-0000-01	200929-004	STLB	NORMAL	7/9/01	7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	93	%RECOVERY			
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Moisture		WET	ASTM D2216	23.0	%			0.1
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Solids		WET	ASTM D2216	77.0	%			0.1
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	320	ug/Kg-dry wt	U		320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	830	ug/Kg-dry wt			320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	80	ug/Kg-dry wt	J		1700
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	320	ug/Kg-dry wt	U		320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	830	ug/Kg-dry wt			320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	120	ug/Kg-dry wt	J		320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	87	ug/Kg-dry wt	J		320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	8/2/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	6400	ug/Kg-dry wt			970
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	160	ug/Kg-dry wt	J		320
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	79	%RECOVERY			
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	89	%RECOVERY			
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	61	%RECOVERY			
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	75	%RECOVERY			
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	77	%RECOVERY			
APB-SD-4010-0000-01	200929-005	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	108	%RECOVERY			
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Moisture		WET	ASTM D2216	81.2	%			0.1
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Solids		WET	ASTM D2216	18.8	%			0.1
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	880	ug/Kg-dry wt	U		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	880	ug/Kg-dry wt	U		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	4500	ug/Kg-dry wt	U		4500
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	880	ug/Kg-dry wt	U		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	4500	ug/Kg-dry wt	U		4500
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	4500	ug/Kg-dry wt	U		4500
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	4500	ug/Kg-dry wt	U		4500
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	110	ug/Kg-dry wt	J		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	880	ug/Kg-dry wt	U		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	260	ug/Kg-dry wt	J		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	2000	ug/Kg-dry wt			880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	880	ug/Kg-dry wt	U		880
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	69	%RECOVERY			
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	55	%RECOVERY			
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	56	%RECOVERY			
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	65	%RECOVERY			
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	70	%RECOVERY			
LPX-SD-4011-0000-01	200929-006	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	80	%RECOVERY			
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Moisture		WET	ASTM D2216	85.7	%			0.1
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Solids		WET	ASTM D2216	14.3	%			0.1
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	1200	ug/Kg-dry wt	U		1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	1200	ug/Kg-dry wt	U		1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	5900	ug/Kg-dry wt	U		5900
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	1200	ug/Kg-dry wt	U		1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	5900	ug/Kg-dry wt	U		5900
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	5900	ug/Kg-dry wt	U		5900
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	5900	ug/Kg-dry wt	U		5900
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	660	ug/Kg-dry wt	J		1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	290	ug/Kg-dry wt	J		1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	1200	ug/Kg-dry wt			1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	7900	ug/Kg-dry wt			1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	400	ug/Kg-dry wt	J		1200
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	73	%RECOVERY			
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	63	%RECOVERY			
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	59	%RECOVERY			
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	65	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE-UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	1600			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	450	U		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	140	J		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	1200			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	450	UJ		T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	70			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	56			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	61			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	65			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	77			T
APB-SD-4009-0000-01	200929-004		1	63.2		60	G_WET	93			T
APB-SD-4010-0000-01	200929-005		1	23				23.0			T
APB-SD-4010-0000-01	200929-005		1	23				77.0			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	320	U		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	830			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	80	J		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	320	U		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	1700	UJ		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	1700	UJ		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	1700	UJ		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	830	J		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	120	J		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	87	J		T
APB-SD-4010-0000-01	200929-005		3	23	Dilution	39.9	G_WET	6400	J		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	160	J		T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	79			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	89			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	61			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	75			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	77			T
APB-SD-4010-0000-01	200929-005		1	23		39.9	G_WET	108			T
LPX-SD-4011-0000-01	200929-006		1	81.2				81.2			T
LPX-SD-4011-0000-01	200929-006		1	81.2				18.8			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	110	J		T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	260	J		T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	2000	J		T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	R			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	69			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	55			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	56			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	65			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	70			T
LPX-SD-4011-0000-01	200929-006		1	81.2		60	G_WET	80			T
LPX-SD-4012-0000-01	200929-007		1	85.7				85.7			T
LPX-SD-4012-0000-01	200929-007		1	85.7				14.3			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	R			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	660	J		T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	290	J		T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	1200	J		T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	7900	J		T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	400	J		T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	73			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	63			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	59			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	65			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	75	%RECOVERY			
LPX-SD-4012-0000-01	200929-007	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	93	%RECOVERY			
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Moisture		WET	ASTM D2216	67.2	%			0.1
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/19/01	7/19/01		200929	% Solids		WET	ASTM D2216	32.8	%			0.1
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	500	ug/Kg-dry wt	U		500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	500	ug/Kg-dry wt	U		500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	2600	ug/Kg-dry wt	U		2600
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	500	ug/Kg-dry wt	U		500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	2600	ug/Kg-dry wt	U		2600
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	2600	ug/Kg-dry wt	U		2600
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	2600	ug/Kg-dry wt	U		2600
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	350	ug/Kg-dry wt	J		500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	130	ug/Kg-dry wt	J		500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	1100	ug/Kg-dry wt			500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	5700	ug/Kg-dry wt			500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	310	ug/Kg-dry wt	J		500
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	79	%RECOVERY			
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	73	%RECOVERY			
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	56	%RECOVERY			
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	67	%RECOVERY			
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	72	%RECOVERY			
LPX-SD-4013-0000-01	200929-008	STLB	NORMAL	7/10/01	7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	104	%RECOVERY			
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/19/01	7/19/01		200929	% Moisture		WET	ASTM D2216	65.5	%			0.1
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/19/01	7/19/01		200929	% Solids		WET	ASTM D2216	34.5	%			0.1
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	480	ug/Kg-dry wt	U		480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	480	ug/Kg-dry wt	U		480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	2500	ug/Kg-dry wt	U		2500
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	480	ug/Kg-dry wt	U		480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	2500	ug/Kg-dry wt	U		2500
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	2500	ug/Kg-dry wt	U		2500
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	2500	ug/Kg-dry wt	U		2500
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	220	ug/Kg-dry wt	J		480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	99	ug/Kg-dry wt	J		480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	650	ug/Kg-dry wt			480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	3800	ug/Kg-dry wt			480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	160	ug/Kg-dry wt	J		480
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	71	%RECOVERY			
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	74	%RECOVERY			
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	53	%RECOVERY			
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	64	%RECOVERY			
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	61	%RECOVERY			
LPX-SD-4013-DUP	200929-009	STLB	DUPLICATE	7/10/01	7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	94	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	66	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	72	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	92	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	77	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	98	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	88	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	84	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	92	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	99	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	99	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	91	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	100	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	101	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	82	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	58	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	69	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	66	%RECOVERY			
	LCS-4157	STLB	LCS		7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	88	%RECOVERY			
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	1700	ug/Kg-dry wt	U		1700
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	330	ug/Kg-dry wt	U		330

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SAMPLE_NO	LAB_ID	CRDL_CROL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE-UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	75			T
LPX-SD-4012-0000-01	200929-007		1	85.7		60	G_WET	93			T
LPX-SD-4013-0000-01	200929-008		1	67.2				67.2			T
LPX-SD-4013-0000-01	200929-008		1	67.2				32.8			T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	500	U		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	500	U		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	2600	U		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	500	U		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	2600	UJ		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	2600	UJ		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	2600	U		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	350	J		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	130	J		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	1100	J		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	5700	J		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	310	J		T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	79			T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	73			T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	56			T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	67			T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	72			T
LPX-SD-4013-0000-01	200929-008		1	67.2		60	G_WET	104			T
LPX-SD-4013-DUP	200929-009		1	65.5				65.5			T
LPX-SD-4013-DUP	200929-009		1	65.5				34.5			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	480	U		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	480	U		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	2500	U		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	480	U		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	R			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	2500	UJ		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	2500	UJ		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	220	J		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	99	J		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	650	J		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	3800	J		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	160	J		T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	71			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	74			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	53			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	64			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	61			T
LPX-SD-4013-DUP	200929-009		1	65.5		60	G_WET	94			T
	LCS-4157		1			30	G_WET	66			T
	LCS-4157		1			30	G_WET	72			T
	LCS-4157		1			30	G_WET	92			T
	LCS-4157		1			30	G_WET	77			T
	LCS-4157		1			30	G_WET	98			T
	LCS-4157		1			30	G_WET	88			T
	LCS-4157		1			30	G_WET	84			T
	LCS-4157		1			30	G_WET	92			T
	LCS-4157		1			30	G_WET	99			T
	LCS-4157		1			30	G_WET	99			T
	LCS-4157		1			30	G_WET	91			T
	LCS-4157		1			30	G_WET	100			T
	LCS-4157		1			30	G_WET	101			T
	LCS-4157		1			30	G_WET	82			T
	LCS-4157		1			30	G_WET	58			T
	LCS-4157		1			30	G_WET	69			T
	LCS-4157		1			30	G_WET	66			T
	LCS-4157		1			30	G_WET	88			T
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	1700	U		T
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	1700	U		T
	MB-4157		1			30	G_WET	1700	U		T
	MB-4157		1			30	G_WET	1700	U		T
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	330	U		T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	330	ug/Kg-dry wt	U		330
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	76	%RECOVERY			
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	86	%RECOVERY			
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	80	%RECOVERY			
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	81	%RECOVERY			
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	83	%RECOVERY			
	MB-4157	STLB	M_BLANK		7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	90	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	81	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	98	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	105	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	82	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	5.8	%RECOVERY	J		
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	78	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	94	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	106	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	106	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	130	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	222	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	127	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	83	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	90	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	65	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	83	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	80	%RECOVERY			
LPX-SD-4013-DUP	MS-4157	STLB	MS		7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	128	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Phenol	108-95-2	OS	SW846 8270C	83	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	96	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	103	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	2-Nitrophenol	88-75-5	OS	SW846 8270C	74	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	2	%RECOVERY	J		
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	4-Nitrophenol	100-02-7	OS	SW846 8270C	77	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Pentachlorophenol	87-86-5	OS	SW846 8270C	81	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Carbazole	86-74-8	OS	SW846 8270C	113	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	106	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	126	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	233	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	110	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	75	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	2-Fluorobiphenyl (surr)		OS	SW846 8270C	94	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	2-Fluorophenol (surr)		OS	SW846 8270C	67	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Nitrobenzene-d5 (surr)		OS	SW846 8270C	81	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Phenol-d5 (surr)		OS	SW846 8270C	77	%RECOVERY			
LPX-SD-4013-DUP	MSD-4157	STLB	MSD		7/20/01	7/31/01		200929	Terphenyl-d14 (surr)		OS	SW846 8270C	119	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE-UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	330	U		T
	MB-4157		1			30	G_WET	76			T
	MB-4157		1			30	G_WET	86			T
	MB-4157		1			30	G_WET	80			T
	MB-4157		1			30	G_WET	81			T
	MB-4157		1			30	G_WET	83			T
	MB-4157		1			30	G_WET	90			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	81			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	98			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	105			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	82			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	5.8	J		T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	78			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	94			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	106			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	106			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	130			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	222			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	127			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	83			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	90			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	65			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	83			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	80			T
LPX-SD-4013-DUP	MS-4157		1	65.5		39.9	G_WET	128			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	83			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	96			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	103			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	74			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	2	J		T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	77			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	81			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	113			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	106			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	126			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	233			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	110			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	75			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	94			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	67			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	81			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	77			T
LPX-SD-4013-DUP	MSD-4157		1	65.5		39.9	G_WET	119			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/20/2001	7/20/2001		200959	% Moisture		WET	ASTM D2216	67.7	%			0.1
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/20/2001	7/20/2001		200959	% Solids		WET	ASTM D2216	32.3	%			0.1
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Phenol	108-95-2	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	2600	ug/kg - dry wt	U		2600
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	2-Nitrophenol	88-75-5	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	2600	ug/kg - dry wt	U		2600
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	4-Nitrophenol	100-02-7	OS	SW846 8270C	2600	ug/kg - dry wt	U		2600
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Pentachlorophenol	87-86-5	OS	SW846 8270C	2600	ug/kg - dry wt	U		2600
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Carbazole	86-74-8	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Bis(2-ethythexyl)phthalate	117-81-7	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	510	ug/kg - dry wt	U		510
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	2,4,6 - Tribromophenol (surr)		OS	SW846 8270C	90	%RECOVERY			
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	2-Fluorobiphenyl (surr)		OS	SW846 8270C	61	%RECOVERY			
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	2-Fluorophenol (surr)		OS	SW846 8270C	64	%RECOVERY			
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Nitrobenzene-d5 (surr)		OS	SW846 8270C	63	%RECOVERY			
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Phenol-d5 (surr)		OS	SW846 8270C	73	%RECOVERY			
LPX-SD-071601-A (DUP)	200959-007	STLB	REPLICATE	7/16/2001	7/26/2001	8/10/2001		200959	Terphenyl-d14 (surr)		OS	SW846 8270C	78	%RECOVERY			

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE-UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-071601-A (DUP)	200959-007		1	67.7				67.7			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7				32.3			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	UJ		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	U		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	2600	U		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	U		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	2600	UJ		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	2600	U		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	2600	U		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	UJ		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	UJ		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	UJ		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	510	UJ		T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	90			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	61			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	64			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	63			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	73			T
LPX-SD-071601-A (DUP)	200959-007		1	67.7	Extracted with water SDG200959, QC reported in water data report dated 11/7/01	60	G_WET	78			T

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Phenol	108-95-2	OS	SW846 8270C	64	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	61	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	82	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	2-Nitrophenol	88-75-5	OS	SW846 8270C	73	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	94	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	4-Nitrophenol	100-02-7	OS	SW846 8270C	87	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Pentachlorophenol	87-86-5	OS	SW846 8270C	80	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Carbazole	86-74-8	OS	SW846 8270C	78	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	83	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	97	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	98	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	98	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	88	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	2-Fluorobiphenyl (surr)		OS	SW846 8270C	69	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	2-Fluorophenol (surr)		OS	SW846 8270C	62	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Nitrobenzene-d5 (surr)		OS	SW846 8270C	71	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Phenol-d5 (surr)		OS	SW846 8270C	64	%RECOVERY			
	LCS-4272	STLB	LCS		7/26/2001	8/10/2001		200964	Terphenyl-d14 (surr)		OS	SW846 8270C	83	%RECOVERY			
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/12/2001		200964	Phenol	108-95-2	OS	SW846 8270C	6300	ug/kg - dry wt			660
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	410	ug/kg - dry wt			330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	2-Nitrophenol	88-75-5	OS	SW846 8270C	330	ug/kg - dry wt	U		330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	4-Nitrophenol	100-02-7	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Pentachlorophenol	87-86-5	OS	SW846 8270C	520	ug/kg - dry wt	J		1700
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Carbazole	86-74-8	OS	SW846 8270C	330	ug/kg - dry wt	U		330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	330	ug/kg - dry wt	U		330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	330	ug/kg - dry wt	U		330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	350	ug/kg - dry wt			330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	330	ug/kg - dry wt	U		330
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	63	%RECOVERY			
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	2-Fluorobiphenyl (surr)		OS	SW846 8270C	76	%RECOVERY			
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	2-Fluorophenol (surr)		OS	SW846 8270C	64	%RECOVERY			
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Nitrobenzene-d5 (surr)		OS	SW846 8270C	86	%RECOVERY			
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Phenol-d5 (surr)		OS	SW846 8270C	79	%RECOVERY			
ICCSV851	200964-002	STLB	NORMAL	7/16/2001	7/26/2001	8/10/2001		200964	Terphenyl-d14 (surr)		OS	SW846 8270C	72	%RECOVERY			
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Phenol	108-95-2	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	4 Methylphenol (p cresol)	106-44-5	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	2,4,5-Trichlorophenol	95-95-4	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	2-Nitrophenol	88-75-5	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	2,4-Dinitrophenol	51-28-5	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	4-Nitrophenol	100-02-7	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Pentachlorophenol	87-86-5	OS	SW846 8270C	1700	ug/kg - dry wt	U		1700
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Carbazole	86-74-8	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Di-n-butyl phthalate	84-74-2	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Butyl benzyl phthalate	85-68-7	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Bis(2-ethylhexyl)phthalate	117-81-7	OS	SW846 8270C	36	ug/kg - dry wt	J		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Di-n-octyl phthalate	117-84-0	OS	SW846 8270C	330	ug/kg - dry wt	U		330
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	2,4,6-Tribromophenol (surr)		OS	SW846 8270C	88	%RECOVERY			
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	2-Fluorobiphenyl (surr)		OS	SW846 8270C	69	%RECOVERY			
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	2-Fluorophenol (surr)		OS	SW846 8270C	62	%RECOVERY			
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Nitrobenzene-d5 (surr)		OS	SW846 8270C	71	%RECOVERY			
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Phenol-d5 (surr)		OS	SW846 8270C	64	%RECOVERY			
	MB-4272	STLB	M_BLANK		7/26/2001	8/10/2001		200964	Terphenyl-d14 (surr)		OS	SW846 8270C	83	%RECOVERY			

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE-UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	LCS-4272		1			30	g	64			T
	LCS-4272		1			30	g	61			T
	LCS-4272		1			30	g	82			T
	LCS-4272		1			30	g	73			T
	LCS-4272		1			30	g	94			T
	LCS-4272		1			30	g	87			T
	LCS-4272		1			30	g	80			T
	LCS-4272		1			30	g	78			T
	LCS-4272		1			30	g	83			T
	LCS-4272		1			30	g	97			T
	LCS-4272		1			30	g	98			T
	LCS-4272		1			30	g	98			T
	LCS-4272		1			30	g	88			T
	LCS-4272		1			30	g	69			T
	LCS-4272		1			30	g	62			T
	LCS-4272		1			30	g	71			T
	LCS-4272		1			30	g	64			T
	LCS-4272		1			30	g	83			T
ICCSV851	200964-002		2		Dilution	30	G_WET	6300	J		T
ICCSV851	200964-002		1			30	G_WET	410			T
ICCSV851	200964-002		1			30	G_WET	1700	U		T
ICCSV851	200964-002		1			30	G_WET	330	U		T
ICCSV851	200964-002		1			30	G_WET	1700	UJ		T
ICCSV851	200964-002		1			30	G_WET	1700	U		T
ICCSV851	200964-002		1			30	G_WET	520	J		T
ICCSV851	200964-002		1			30	G_WET	330	UJ		T
ICCSV851	200964-002		1			30	G_WET	330	UJ		T
ICCSV851	200964-002		1			30	G_WET	330	UJ		T
ICCSV851	200964-002		1			30	G_WET	350	U		T
ICCSV851	200964-002		1			30	G_WET	330	UJ		T
ICCSV851	200964-002		1			30	G_WET	63			T
ICCSV851	200964-002		1			30	G_WET	76			T
ICCSV851	200964-002		1			30	G_WET	64			T
ICCSV851	200964-002		1			30	G_WET	86			T
ICCSV851	200964-002		1			30	G_WET	79			T
ICCSV851	200964-002		1			30	G_WET	72			T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	1700	U		T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	1700	U		T
	MB-4272		1			30	G_WET	1700	U		T
	MB-4272		1			30	G_WET	1700	U		T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	36	J		T
	MB-4272		1			30	G_WET	330	U		T
	MB-4272		1			30	G_WET	88			T
	MB-4272		1			30	G_WET	69			T
	MB-4272		1			30	G_WET	62			T
	MB-4272		1			30	G_WET	71			T
	MB-4272		1			30	G_WET	64			T
	MB-4272		1			30	G_WET	83			T

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Section 7
Grain Size and TOC Results

QA/QC Narrative
Sediment and QC Results

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QA/QC Narrative

Grain Size and TOC SEDIMENT QA/QC SUMMARY

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Grain Size and TOC

LABORATORY: Applied Marine Sciences, Inc., League City, Texas (AMS)

MATRIX: Sediment (from crayfish and invertebrate locations)

SAMPLE CUSTODY: Sediment samples arrived at AMS in three events between July 11 and July 24, 2001.

1) The first shipment of samples was received in good condition.

2) Sample WRL-SD-4005-0000-01, from shipment two, was received broken and the field team was contacted to collect a replacement sample.

3) The third shipment of samples was received in good condition. However, one sample was received that was not listed on the chain of custody, LPX-SD-071601-A. Deirdre Dahlen identified the sample as the sediment field duplicate. The sample ID was noted on the chain of custody and analyzed for grain size and total organic carbon (TOC).

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Instrument Blank	Laboratory Duplicate	SRM % Diff.	Achieved Detection Limit (% dry)	Project Goals (% dry)
Grain Size	L-46 ASTM D422	NA	≤25% RPD [b]	NA	Grain Size: 0.01	Grain Size: Not available
TOC	L-49 EPA Method 9060	<10× MDL[a]	≤25% RPD [b]	≤5% PD	TOC: 0.01	TOC: Not available

[a] With signal to noise >10:1

[b] For values >10× the MDL

METHOD: Sediment samples were prepared and analyzed for grain size composition and TOC following methods described in Battelle's Quality Assurance Project Plan (Battelle, 2001). Briefly,

Grain Size – Each sample was homogenized using a stainless steel spatula. Separate grain size and water content aliquots were secured. The grain size aliquot was treated with 30% hydrogen peroxide to remove organic matter, and dispersed in a solution of sodium hexametaphosphate. The course-grained fraction (>74μm) was separated from the fine-grained fraction (<74μm) by sieving the sample through a No.200 sieve. The portion remaining on the No. 200 sieve was washed into a beaker and dried. This dried fraction was sorted through a series of nested sieves to provide the distribution of course-grained particles.

The fraction passing the No. 200 sieve was washed into a hydrometer cylinder and brought to volume. The sample was stirred and hydrometer readings were taken at 2, 5, 15, 60, 250, and 1440 minute intervals. The resulting data were combined with the sieve data to generate a grain size distribution curve. Percent, gravel and sand values may be calculated directly from the sieve data, while the silt and clay values are read from the graph.

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METHOD (cont):

TOC – An aliquot of sample was secured and dried at low temperature (70°C). The sample was ground and acidified with dilute solution (pH<2) of HCl to remove inorganic carbon. The sample was rinsed with distilled water until the pH is 7. The sample was dried to remove water. A small aliquot of sample was weighed into a precombusted sample boat and combusted at 900°C in a stream of oxygen to convert organic substances to CO_2. The CO_2 stream is scrubbed to remove interferants such as water vapor, NO_X and SO_X, and swept into the coulometer cell. The amount of CO_2 produced was measured, recorded digitally, and printed as a hard copy report.

HOLDING TIMES:

Samples were prepared for analysis within holding time.

Prep Date	Analysis Date
07/16-25/2001*	07/18 – 27/2001

* Instrument blanks and SRMs prepared and analyzed on 7/27/01

DETECTION LIMITS:

Project detection limit goals were not provided for grain size and TOC parameters. Achieved laboratory detection limits are reported on the electronic data deliverable (EDD) tables.

BLANKS:

Two instrument blank samples were analyzed for TOC only. Blanks are analyzed to ensure that the sample analysis method is free of contamination.

Grain Size – not applicable
TOC – TOC was undetected in both instrument blanks at levels above the MDL

REPLICATES:

Three laboratory duplicates were prepared with the samples for grain size and TOC analysis. The RPD between laboratory replicate analyses for grain size fractions and TOC was calculated to measure data quality in terms of precision.

Grain Size – With four exceptions, RPDs were within the control limits specified in the QAPP, ranging from 3.82 to 50%. One of the four RPD exccedences (50%) is not significant as the grain size fractions between replicates were both measured at a level <10× the MDL. The remaining three RPD exceedences were only slightly above the upper control limit (27.0%, 25.6%, and 28.4%).

TOC – RPDs were within the control limits specified in the QAPP, ranging from 0.18 to 5.05%.

Field replicates – precision between field replicates for all grain size fractions except silt was >50%; RPD for silt content was 20%. Precision between field replicates for TOC was 11%.

SRM:

Two standard reference material (SRM, NIST 1941a) samples were prepared with the soil samples for TOC analysis. The percent difference (PD) between detected concentrations and certified values was calculated to measure data quality in terms of accuracy.

Grain Size – not applicable
TOC – SRM PDs were within the control limits specified in the QAPP, ranging from 0.83 to 2.71%.

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support*. Tasks 19-22 QAPP prepared under contract to USACE NAE. Delivery Order #59. May 23, 2001. 509pp + apps.

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Sediment and QC Results

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Medium Sand		GS	ASTM D422	0.64	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Fine Sand		GS	ASTM D422	7.76	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/19/2001			% Silt		GS	ASTM D422	67.57	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/19/2001			% Clay		GS	ASTM D422	24.02	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/27/2001			TOC		TOC	EPA 9060	14.09	%		0.01	0.01
GMP-SD-5007-0000-01	9260	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/16/2001			Water Content		MISC	ASTM D2216	556	%		1	1
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Gravel		GS	ASTM D422	2.82	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	9.30	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Medium Sand		GS	ASTM D422	25.58	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Fine Sand		GS	ASTM D422	18.29	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/19/2001			% Silt		GS	ASTM D422	27.02	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/19/2001			% Clay		GS	ASTM D422	17.00	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/27/2001			TOC		TOC	EPA 9060	4.30	%		0.01	0.01
RAB-SD-5008-0000-01	9261	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/16/2001			Water Content		MISC	ASTM D2216	253	%		1	1
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Medium Sand		GS	ASTM D422	0.48	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/18/2001			% Fine Sand		GS	ASTM D422	3.38	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/19/2001			% Silt		GS	ASTM D422	66.14	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/19/2001			% Clay		GS	ASTM D422	30.00	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/27/2001			TOC		TOC	EPA 9060	10.35	%		0.01	0.01
APB-SD-4008-0000-01	9262	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/16/2001	7/16/2001			Water Content		MISC	ASTM D2216	330	%		1	1
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/18/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	0.86	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/18/2001			% Medium Sand		GS	ASTM D422	3.43	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/18/2001			% Fine Sand		GS	ASTM D422	26.44	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/19/2001			% Silt		GS	ASTM D422	54.27	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/19/2001			% Clay		GS	ASTM D422	15.00	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/27/2001			TOC		TOC	EPA 9060	7.75	%		0.01	0.01
APB-SD-4009-0000-01	9263	Applied Marine Sciences, Inc.	NORMAL	07/09/01	7/17/2001	7/17/2001			Water Content		MISC	ASTM D2216	162	%		1	1
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Gravel		GS	ASTM D422	0.84	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	6.32	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Medium Sand		GS	ASTM D422	44.36	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Fine Sand		GS	ASTM D422	43.21	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Silt		GS	ASTM D422	3.26	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Clay		GS	ASTM D422	2.00	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/27/2001			TOC		TOC	EPA 9060	1.24	%		0.01	0.01
APB-SD-4010-0000-01	9264	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/17/2001			Water Content		MISC	ASTM D2216	38	%		1	1
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Medium Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Fine Sand		GS	ASTM D422	0.65	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Silt		GS	ASTM D422	69.35	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Clay		GS	ASTM D422	30.00	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/27/2001			TOC		TOC	EPA 9060	10.10	%		0.01	0.01
LPX-SD-4011-0000-01	9265	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/17/2001			Water Content		MISC	ASTM D2216	405	%		1	1
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Medium Sand		GS	ASTM D422	0.25	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Fine Sand		GS	ASTM D422	0.83	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Silt		GS	ASTM D422	67.57	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Clay		GS	ASTM D422	31.35	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/27/2001			TOC		TOC	EPA 9060	16.96	%		0.01	0.01
LPX-SD-4012-0000-01	9266	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/17/2001			Water Content		MISC	ASTM D2216	635	%		1	1
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Medium Sand		GS	ASTM D422	1.70	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/18/2001			% Fine Sand		GS	ASTM D422	13.95	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Silt		GS	ASTM D422	69.35	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/19/2001			% Clay		GS	ASTM D422	15.00	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/27/2001			TOC		TOC	EPA 9060	8.00	%		0.01	0.01
LPX-SD-4013-0000-01	9267	Applied Marine Sciences, Inc.	NORMAL	07/10/01	7/17/2001	7/17/2001			Water Content		MISC	ASTM D2216	192	%		1	1
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/2001	7/23/2001			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
GMP-SD-5007-0000-01	9260	0.01				91.0760	G_DRY	0.00			
GMP-SD-5007-0000-01	9260	0.01				91.0760	G_DRY	0.00			
GMP-SD-5007-0000-01	9260	0.01				91.0760	G_DRY	0.64			
GMP-SD-5007-0000-01	9260	0.01				91.0760	G_DRY	7.76			
GMP-SD-5007-0000-01	9260	0.01				91.0760	G_DRY	67.57			
GMP-SD-5007-0000-01	9260	0.01				91.0760	G_DRY	24.02			
GMP-SD-5007-0000-01	9260	0.01				0.0338	G_DRY	14.09			
GMP-SD-5007-0000-01	9260	1				21.4818	G_DRY	556			
RAB-SD-5008-0000-01	9261	0.01				98.9197	G_DRY	2.82			
RAB-SD-5008-0000-01	9261	0.01				98.9197	G_DRY	9.30			
RAB-SD-5008-0000-01	9261	0.01				98.9197	G_DRY	25.58			
RAB-SD-5008-0000-01	9261	0.01				98.9197	G_DRY	18.29			
RAB-SD-5008-0000-01	9261	0.01				98.9197	G_DRY	27.02			
RAB-SD-5008-0000-01	9261	0.01				98.9197	G_DRY	17.00			
RAB-SD-5008-0000-01	9261	0.01				0.0239	G_DRY	4.30			
RAB-SD-5008-0000-01	9261	1				36.6539	G_DRY	253			
APB-SD-4008-0000-01	9262	0.01				86.7980	G_DRY	0.00			
APB-SD-4008-0000-01	9262	0.01				86.7980	G_DRY	0.00			
APB-SD-4008-0000-01	9262	0.01				86.7980	G_DRY	0.48			
APB-SD-4008-0000-01	9262	0.01				86.7980	G_DRY	3.38			
APB-SD-4008-0000-01	9262	0.01				86.7980	G_DRY	66.14			
APB-SD-4008-0000-01	9262	0.01				86.7980	G_DRY	30.00			
APB-SD-4008-0000-01	9262	0.01				0.0229	G_DRY	10.35			
APB-SD-4008-0000-01	9262	1				23.5224	G_DRY	330			
APB-SD-4009-0000-01	9263	0.01				72.0420	G_DRY	0.00			
APB-SD-4009-0000-01	9263	0.01				72.0420	G_DRY	0.86			
APB-SD-4009-0000-01	9263	0.01				72.0420	G_DRY	3.43			
APB-SD-4009-0000-01	9263	0.01				72.0420	G_DRY	26.44			
APB-SD-4009-0000-01	9263	0.01				72.0420	G_DRY	54.27			
APB-SD-4009-0000-01	9263	0.01				72.0420	G_DRY	15.00			
APB-SD-4009-0000-01	9263	0.01				0.0249	G_DRY	7.75			
APB-SD-4009-0000-01	9263	1				20.1554	G_DRY	162			
APB-SD-4010-0000-01	9264	0.01				153.5273	G_DRY	0.84			
APB-SD-4010-0000-01	9264	0.01				153.5273	G_DRY	6.32			
APB-SD-4010-0000-01	9264	0.01				153.5273	G_DRY	44.36			
APB-SD-4010-0000-01	9264	0.01				153.5273	G_DRY	43.21			
APB-SD-4010-0000-01	9264	0.01				153.5273	G_DRY	3.26			
APB-SD-4010-0000-01	9264	0.01				153.5273	G_DRY	2.00			
APB-SD-4010-0000-01	9264	0.01				0.0662	G_DRY	1.24			
APB-SD-4010-0000-01	9264	1				37.9987	G_DRY	38			
LPX-SD-4011-0000-01	9265	0.01				72.6787	G_DRY	0.00			
LPX-SD-4011-0000-01	9265	0.01				72.6787	G_DRY	0.00			
LPX-SD-4011-0000-01	9265	0.01				72.6787	G_DRY	0.00			
LPX-SD-4011-0000-01	9265	0.01				72.6787	G_DRY	0.65			
LPX-SD-4011-0000-01	9265	0.01				72.6787	G_DRY	69.35			
LPX-SD-4011-0000-01	9265	0.01				72.6787	G_DRY	30.00			
LPX-SD-4011-0000-01	9265	0.01				0.0195	G_DRY	10.10			
LPX-SD-4011-0000-01	9265	1				22.2968	G_DRY	405			
LPX-SD-4012-0000-01	9266	0.01				54.4734	G_DRY	0.00			
LPX-SD-4012-0000-01	9266	0.01				54.4734	G_DRY	0.00			
LPX-SD-4012-0000-01	9266	0.01				54.4734	G_DRY	0.25			
LPX-SD-4012-0000-01	9266	0.01				54.4734	G_DRY	0.83			
LPX-SD-4012-0000-01	9266	0.01				54.4734	G_DRY	67.57			
LPX-SD-4012-0000-01	9266	0.01				54.4734	G_DRY	31.35			
LPX-SD-4012-0000-01	9266	0.01				0.0173	G_DRY	16.96			
LPX-SD-4012-0000-01	9266	1				26.5839	G_DRY	635			
LPX-SD-4013-0000-01	9267	0.01				58.9906	G_DRY	0.00			
LPX-SD-4013-0000-01	9267	0.01				58.9906	G_DRY	0.00			
LPX-SD-4013-0000-01	9267	0.01				58.9906	G_DRY	1.70			
LPX-SD-4013-0000-01	9267	0.01				58.9906	G_DRY	13.95			
LPX-SD-4013-0000-01	9267	0.01				58.9906	G_DRY	69.35			
LPX-SD-4013-0000-01	9267	0.01				58.9906	G_DRY	15.00			
LPX-SD-4013-0000-01	9267	0.01				0.0213	G_DRY	8.00			
LPX-SD-4013-0000-01	9267	1				21.5461	G_DRY	192			
GMP-SD-5002-0000-01	9268	0.01				101.2488	G_DRY	0.00			

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	0.53	%		0.01	0.01
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	2.47	%		0.01	0.01
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	59.00	%		0.01	0.01
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	38.00	%		0.01	0.01
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	11.95	%		0.01	0.01
GMP-SD-5002-0000-01	9268	Applied Marine Sciences, Inc.	NORMAL	07/11/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	569	%		1	1
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	0.14	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.95	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	24.27	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	66.27	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	5.38	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	3.00	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	2.01	%		0.01	0.01
RWR-SD-5003-0000-01	9269	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	56	%		1	1
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	8.78	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	45.07	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	34.28	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	7.48	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	4.40	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	2.02	%		0.01	0.01
RWR-SD-5004-0000-01	9270	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	63	%		1	1
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	5.67	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	3.02	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	15.42	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	34.86	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	20.52	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	20.50	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	4.45	%		0.01	0.01
RAB-SD-5004-0000-01	9271	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	260	%		1	1
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	6.88	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	6.38	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	23.57	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	35.85	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	20.97	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	6.35	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	5.51	%		0.01	0.01
CMS-SD-4003-0000-01	9272	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	145	%		1	1
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	2.93	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	7.31	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	26.04	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	30.40	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	24.07	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	9.25	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	5.34	%		0.01	0.01
CMS-SD-4006-0000-01	9273	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	162	%		1	1
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	3.42	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.89	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	8.29	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	16.52	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	54.88	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	16.00	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	6.94	%		0.01	0.01
CMS-SD-4007-0000-01	9274	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	178	%		1	1
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.02	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	2.17	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	6.71	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	81.09	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	10.00	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	10.03	%		0.01	0.01
LPX-SD-4001-0000-01	9275	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	292	%		1	1
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
GMP-SD-5002-0000-01	9268	0.01				101.2488	G_DRY	0.00			
GMP-SD-5002-0000-01	9268	0.01				101.2488	G_DRY	0.53			
GMP-SD-5002-0000-01	9268	0.01				101.2488	G_DRY	2.47	J		
GMP-SD-5002-0000-01	9268	0.01				101.2488	G_DRY	59.00			
GMP-SD-5002-0000-01	9268	0.01				101.2488	G_DRY	38.00			
GMP-SD-5002-0000-01	9268	0.01				0.0155	G_DRY	11.95			
GMP-SD-5002-0000-01	9268	1				26.6714	G_DRY	569			
RWR-SD-5003-0000-01	9269	0.01				147.7922	G_DRY	0.14			
RWR-SD-5003-0000-01	9269	0.01				147.7922	G_DRY	0.95			
RWR-SD-5003-0000-01	9269	0.01				147.7922	G_DRY	24.27			
RWR-SD-5003-0000-01	9269	0.01				147.7922	G_DRY	66.27	J		
RWR-SD-5003-0000-01	9269	0.01				147.7922	G_DRY	5.38			
RWR-SD-5003-0000-01	9269	0.01				147.7922	G_DRY	3.00			
RWR-SD-5003-0000-01	9269	0.01				0.0758	G_DRY	2.01			
RWR-SD-5003-0000-01	9269	1				31.8795	G_DRY	56			
RWR-SD-5004-0000-01	9270	0.01				82.3755	G_DRY	0.00			
RWR-SD-5004-0000-01	9270	0.01				82.3755	G_DRY	8.78			
RWR-SD-5004-0000-01	9270	0.01				82.3755	G_DRY	45.07			
RWR-SD-5004-0000-01	9270	0.01				82.3755	G_DRY	34.28	J		
RWR-SD-5004-0000-01	9270	0.01				82.3755	G_DRY	7.48			
RWR-SD-5004-0000-01	9270	0.01				82.3755	G_DRY	4.40			
RWR-SD-5004-0000-01	9270	0.01				0.0742	G_DRY	2.02			
RWR-SD-5004-0000-01	9270	1				28.0497	G_DRY	63			
RAB-SD-5004-0000-01	9271	0.01				65.2607	G_DRY	5.67			
RAB-SD-5004-0000-01	9271	0.01				65.2607	G_DRY	3.02			
RAB-SD-5004-0000-01	9271	0.01				65.2607	G_DRY	15.42			
RAB-SD-5004-0000-01	9271	0.01				65.2607	G_DRY	34.86	J		
RAB-SD-5004-0000-01	9271	0.01				65.2607	G_DRY	20.52			
RAB-SD-5004-0000-01	9271	0.01				65.2607	G_DRY	20.50			
RAB-SD-5004-0000-01	9271	0.01				0.0426	G_DRY	4.45			
RAB-SD-5004-0000-01	9271	1				17.8461	G_DRY	260			
CMS-SD-4003-0000-01	9272	0.01				87.3930	G_DRY	6.88			
CMS-SD-4003-0000-01	9272	0.01				87.3930	G_DRY	6.38			
CMS-SD-4003-0000-01	9272	0.01				87.3930	G_DRY	23.57			
CMS-SD-4003-0000-01	9272	0.01				87.3930	G_DRY	35.85	J		
CMS-SD-4003-0000-01	9272	0.01				87.3930	G_DRY	20.97			
CMS-SD-4003-0000-01	9272	0.01				87.3930	G_DRY	6.35			
CMS-SD-4003-0000-01	9272	0.01				0.0267	G_DRY	5.51			
CMS-SD-4003-0000-01	9272	1				26.5531	G_DRY	145			
CMS-SD-4006-0000-01	9273	0.01				112.2847	G_DRY	2.90			
CMS-SD-4006-0000-01	9273	0.01				112.2847	G_DRY	7.31			
CMS-SD-4006-0000-01	9273	0.01				112.2847	G_DRY	26.04			
CMS-SD-4006-0000-01	9273	0.01				112.2847	G_DRY	30.40	J		
CMS-SD-4006-0000-01	9273	0.01				112.2847	G_DRY	24.07			
CMS-SD-4006-0000-01	9273	0.01				112.2847	G_DRY	9.25			
CMS-SD-4006-0000-01	9273	0.01				0.0296	G_DRY	5.34			
CMS-SD-4006-0000-01	9273	1				18.3087	G_DRY	162			
CMS-SD-4007-0000-01	9274	0.01				123.4923	G_DRY	3.42			
CMS-SD-4007-0000-01	9274	0.01				123.4923	G_DRY	0.89			
CMS-SD-4007-0000-01	9274	0.01				123.4923	G_DRY	8.29			
CMS-SD-4007-0000-01	9274	0.01				123.4923	G_DRY	16.52	J		
CMS-SD-4007-0000-01	9274	0.01				123.4923	G_DRY	54.88			
CMS-SD-4007-0000-01	9274	0.01				123.4923	G_DRY	16.00			
CMS-SD-4007-0000-01	9274	0.01				0.0307	G_DRY	6.94			
CMS-SD-4007-0000-01	9274	1				36.0862	G_DRY	178			
LPX-SD-4001-0000-01	9275	0.01				127.1982	G_DRY	0.00			
LPX-SD-4001-0000-01	9275	0.01				127.1982	G_DRY	0.02			
LPX-SD-4001-0000-01	9275	0.01				127.1982	G_DRY	2.17			
LPX-SD-4001-0000-01	9275	0.01				127.1982	G_DRY	6.71	J		
LPX-SD-4001-0000-01	9275	0.01				127.1982	G_DRY	81.09			
LPX-SD-4001-0000-01	9275	0.01				127.1982	G_DRY	10.00			
LPX-SD-4001-0000-01	9275	0.01				0.0284	G_DRY	10.03			
LPX-SD-4001-0000-01	9275	1				19.6887	G_DRY	292			
LPX-SD-4002-0000-01	9276	0.01				97.0009	G_DRY	0.00			
LPX-SD-4002-0000-01	9276	0.01				97.0009	G_DRY	0.00			

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SAMPLE_NO	LAB_ID	LABORATORY	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	CASE	SDG	PARAMETER	CAS_NO	CLASS	METHOD	LAB_RESULT	UNITS	LAB_QUAL	IDL	MDL
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	5.28	%		0.01	0.01
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	18.62	%		0.01	0.01
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	63.62	%		0.01	0.01
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	12.50	%		0.01	0.01
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	9.50	%		0.01	0.01
LPX-SD-4002-0000-01	9276	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	251	%		1	1
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	0.03	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	0.16	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	69.31	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	30.50	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	11.38	%		0.01	0.01
LPX-SD-4004-0000-01	9277	Applied Marine Sciences, Inc.	NORMAL	07/12/01	7/20/01	7/20/01			Water Content		MISC	ASTM D2216	503	%		1	1
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/26/01			% Gravel		GS	ASTM D422	1.65	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/26/01			% Coarse Sand		GS	ASTM D422	1.78	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/26/01			% Medium Sand		GS	ASTM D422	16.31	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/26/01			% Fine Sand		GS	ASTM D422	45.41	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/26/01			% Silt		GS	ASTM D422	29.35	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/26/01			% Clay		GS	ASTM D422	5.50	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/27/01			TOC		TOC	EPA 9060	8.31	%		0.01	0.01
WRL-SD-4005-0000-01	9299	Applied Marine Sciences, Inc.	NORMAL	07/19/01	7/25/01	7/25/01			Water Content		MISC	ASTM D2216	128	%		1	1
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/26/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/26/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/26/01			% Medium Sand		GS	ASTM D422	0.71	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/26/01			% Fine Sand		GS	ASTM D422	5.59	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/26/01			% Silt		GS	ASTM D422	85.05	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/26/01			% Clay		GS	ASTM D422	8.65	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/27/01			TOC		TOC	EPA 9060	8.93	%		0.01	0.01
LPX-SD-071601-A	9300	Applied Marine Sciences, Inc.	REPLICATE	07/16/01	7/25/01	7/25/01			Water Content		MISC	ASTM D2216	79.00	%		1	1
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/18/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/18/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/18/01			% Medium Sand		GS	ASTM D422	1.58	%		0.01	0.01
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/18/01			% Fine Sand		GS	ASTM D422	15.17	%		0.01	0.01
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/19/01			% Silt		GS	ASTM D422	66.75	%		0.01	0.01
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/19/01			% Clay		GS	ASTM D422	16.50	%		0.01	0.01
LPX-SD-4013-0000-01	9267-2	Applied Marine Sciences, Inc.	DUPLICATE	7/10/01	7/17/01	7/27/01			TOC		TOC	EPA 9060	7.85	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/23/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/23/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/23/01			% Medium Sand		GS	ASTM D422	0.05	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/23/01			% Fine Sand		GS	ASTM D422	0.21	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/24/01			% Silt		GS	ASTM D422	74.73	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/24/01			% Clay		GS	ASTM D422	25.00	%		0.01	0.01
LPX-SD-4004-0000-01	9277-2	Applied Marine Sciences, Inc.	DUPLICATE	7/12/01	7/20/01	7/27/01			TOC		TOC	EPA 9060	11.36	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/26/01			% Gravel		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/26/01			% Coarse Sand		GS	ASTM D422	0.00	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/26/01			% Medium Sand		GS	ASTM D422	0.65	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/26/01			% Fine Sand		GS	ASTM D422	4.32	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/26/01			% Silt		GS	ASTM D422	88.53	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/26/01			% Clay		GS	ASTM D422	6.50	%		0.01	0.01
LPX-SD-071601-A	9300-2	Applied Marine Sciences, Inc.	DUPLICATE	07/16/01	7/25/01	7/27/01			TOC		TOC	EPA 9060	8.49	%		0.01	0.01
	CC01	Applied Marine Sciences, Inc.	SRM	7/27/01	7/27/01	7/27/01			TOC		TOC	EPA 9060	4.67	%		0.01	0.01
	CB01	Applied Marine Sciences, Inc.	BLANK	7/27/01	7/27/01	7/27/01			TOC		TOC	EPA 9060	0.01	%	U	0.01	0.01
	CC02	Applied Marine Sciences, Inc.	SRM	7/27/01	7/27/01	7/27/01			TOC		TOC	EPA 9060	4.84	%		0.01	0.01
	CB02	Applied Marine Sciences, Inc.	BLANK	7/27/01	7/27/01	7/27/01			TOC		TOC	EPA 9060	0.01	%	U	0.01	0.01

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SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LPX-SD-4002-0000-01	9276	0.01				97.0009	G_DRY	5.26			
LPX-SD-4002-0000-01	9276	0.01				97.0009	G_DRY	18.62	J		
LPX-SD-4002-0000-01	9276	0.01				97.0009	G_DRY	63.62			
LPX-SD-4002-0000-01	9276	0.01				97.0009	G_DRY	12.50			
LPX-SD-4002-0000-01	9276	0.01				0.0237	G_DRY	9.50			
LPX-SD-4002-0000-01	9276	1				19.3369	G_DRY	251			
LPX-SD-4004-0000-01	9277	0.01				140.1868	G_DRY	0.00			
LPX-SD-4004-0000-01	9277	0.01				140.1868	G_DRY	0.00			
LPX-SD-4004-0000-01	9277	0.01				140.1868	G_DRY	0.03			
LPX-SD-4004-0000-01	9277	0.01				140.1868	G_DRY	0.16	J		
LPX-SD-4004-0000-01	9277	0.01				140.1868	G_DRY	69.31			
LPX-SD-4004-0000-01	9277	0.01				140.1868	G_DRY	30.50			
LPX-SD-4004-0000-01	9277	0.01				0.0273	G_DRY	11.38			
LPX-SD-4004-0000-01	9277	1				32.2863	G_DRY	503			
WRL-SD-4005-0000-01	9299	0.01				122.1486	G_DRY	1.65			
WRL-SD-4005-0000-01	9299	0.01				122.1486	G_DRY	1.78			
WRL-SD-4005-0000-01	9299	0.01				122.1486	G_DRY	16.31			
WRL-SD-4005-0000-01	9299	0.01				122.1486	G_DRY	45.41	J		
WRL-SD-4005-0000-01	9299	0.01				122.1486	G_DRY	29.35			
WRL-SD-4005-0000-01	9299	0.01				122.1486	G_DRY	5.50	J		
WRL-SD-4005-0000-01	9299	0.01				0.0319	G_DRY	8.31			
WRL-SD-4005-0000-01	9299	1				22.8861	G_DRY	128			
LPX-SD-071601-A	9300	0.01				78.3361	G_DRY	0.00			
LPX-SD-071601-A	9300	0.01				78.3361	G_DRY	0.00			
LPX-SD-071601-A	9300	0.01				78.3361	G_DRY	0.71			
LPX-SD-071601-A	9300	0.01				78.3361	G_DRY	5.59	J		
LPX-SD-071601-A	9300	0.01				78.3361	G_DRY	85.05			
LPX-SD-071601-A	9300	0.01				78.3361	G_DRY	8.65	J		
LPX-SD-071601-A	9300	0.01				0.0181	G_DRY	8.93			
LPX-SD-071601-A	9300	1				6.7220	G_DRY	79.00			
LPX-SD-4013-0000-01	9267-2	0.01				61.1454	G_DRY	0.00			
LPX-SD-4013-0000-01	9267-2	0.01				61.1454	G_DRY	0.00			
LPX-SD-4013-0000-01	9267-2	0.01				61.1454	G_DRY	1.58			
LPX-SD-4013-0000-01	9267-2	0.01				61.1454	G_DRY	15.17			
LPX-SD-4013-0000-01	9267-2	0.01				61.1454	G_DRY	66.75			
LPX-SD-4013-0000-01	9267-2	0.01				61.1454	G_DRY	16.50			
LPX-SD-4013-0000-01	9267-2	0.01				0.0220	G_DRY	7.85			
LPX-SD-4004-0000-01	9277-2	0.01				140.1868	G_DRY	0.00			
LPX-SD-4004-0000-01	9277-2	0.01				140.1868	G_DRY	0.00			
LPX-SD-4004-0000-01	9277-2	0.01				140.1868	G_DRY	0.05			
LPX-SD-4004-0000-01	9277-2	0.01				140.1868	G_DRY	0.21			
LPX-SD-4004-0000-01	9277-2	0.01				140.1868	G_DRY	74.73			
LPX-SD-4004-0000-01	9277-2	0.01				140.1868	G_DRY	25.00			
LPX-SD-4004-0000-01	9277-2	0.01				0.0261	G_DRY	11.36			
LPX-SD-071601-A	9300-2	0.01				111.8043	G_DRY	0.00			
LPX-SD-071601-A	9300-2	0.01				111.8043	G_DRY	0.00			
LPX-SD-071601-A	9300-2	0.01				111.8043	G_DRY	0.65			
LPX-SD-071601-A	9300-2	0.01				111.8043	G_DRY	4.32			
LPX-SD-071601-A	9300-2	0.01				111.8043	G_DRY	88.53			
LPX-SD-071601-A	9300-2	0.01				111.8043	G_DRY	6.50			
LPX-SD-071601-A	9300-2	0.01				0.0217	G_DRY	8.49			
	CC01	0.01			4.8% NIST 1941a SRM	0.0248	G_DRY	4.67			
	CB01	0.01			Blank	0.5675	G_DRY	0.01	U		
	CC02	0.01			4.8% NIST 1941a SRM	0.0223	G_DRY	4.84			
	CB02	0.01			Blank	0.5843	G_DRY	0.01	U		

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Section 8
Third Party Validation Reports

Validator findings reported here may include results from non-sediment samples (e.g., water). Only validator findings specific to sediment samples are applicable to this data report.

Steve Stodola
US EPA Approval Signature

3/29/02
Date

March 25, 2002
B-02-03-Z-04
Revised: March 29, 2002

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

Re: Task Order No. 004, Task No. 2, TDF No. 0362
Case No. Centredale Sediments B1OF1, SDG No. 48985-01 D/F
Battelle Laboratories - Columbus, OH
Centredale Manor Site - North Providence, RI

Dioxin/Furan/HCX/TCX: 12/Sediment/CMS-SD-4003-0000-01, CMS-SD-4006-0000-01, CMS-SD-4007-0000-01, GMP-SD-5002-0000-01, LPX-SD-071601-A, LPX-SD-4001-0000-01, LPX-SD-4002-0000-01, LPX-SD-4004-0000-01, RAB-SD-5004-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, WRL-SD-4005-0000-01

(Field Duplicate Pairs: LPX-SD-071601-A and LPX-SD-4002-0000-01)

1/Soil SRM/CIL EDF 2513

Dear Ms. Clark:

A Tier III data validation was performed on the Dioxin/Furan, HCX, and TCX analytical data for 12 sediment samples collected by Harding ESE, Inc. 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) 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 finally to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/31/01). The criteria for HCX and TCX are documented in

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Battelle's December 7, 2001 letter to EPA. See the Supporting Documentation section. 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 Specifity
	• Required Sample Reruns and Second Column Confirmation
	• System Performance

* - All criteria were 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 human health (HHRA) and ecological risk assessments (ERA) at the site.

One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was

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evaluated for this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of 30%D from the consensus value.

The TCX results indicated analytical problems. The problems include: a noncompliant initial calibration, low Ongoing Precision and Recovery (OPR) recovery, low Matrix Spike (MS), and Matrix Spike Duplicate (MSD) recoveries. All TCX data were rejected due to the above noncompliances.

Two sediment samples had percent solids less than 30%: GMP-SD-5002-0000-01 and LPX-SD-4004-0000-01. As a result of low percent solids, the positive results were estimated (J) and non-detected results were rejected (R) in these two samples.

The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the data. Contaminants were found in both the blanks and the field samples. If 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. However, the TCX data were rejected. See the discussion below for details. The reported results are usable for the site objectives with the exception of TCX results.

Data Completeness (CSF Audit - Tier I)

The following data or information in the data package had discrepancies and/or was missing:

1. The laboratory was asked to correct sample receipt date for sample LPX-SD-4002-0000-01 on page 1295. The laboratory was asked to resubmit a page with corrected information.

2. The laboratory was asked to correct sample ID for sample number RWR-SD-5503-0000-01 on number 1098. The laboratory was asked to resubmit a page with corrected information.

3. The laboratory was asked to justify reporting level/MDL for TCX at 1 pg/g (based on 5 g of a sample, dry weight) reported on pages 1685-1703. It appears that poor recovery of TCX in MS/MSD (13 and 8%, respectively) and OPR/LCS (4%) with spiking level of 800 pg/g (based on 5 g of a sample, dry weight) does not support such low reporting levels. On page 1683, the laboratory included a statement in regards to poor TCX recoveries as a result of a typical PCDD/PCDF extraction and cleanup process. The laboratory was asked to review nondetected results for TCX and if necessary to resubmit reporting forms with an adjusted detection limit for that compound.

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4. The laboratory and the sampler were asked to provide clarification in regards to the assignment of the field duplicates for this batch of samples.

The items 1 through 3 were requested via the TOPO on January 16 and 18, 2002 and were received via the TOPO on February 26, 2002. Item #4 was requested on March 3, 2002 and response was received on March 14, 2002. All items were adequately addressed.

Initial and Continuing Calibrations

The following table summarizes the Initial Calibration (IC) which did not meet the criterion specified in Centredale Manor Tasks 19-22 QAPP (5/23/01) of RSD ≤ 25% and the resulting sample qualifications:

IC Date	Compound	%RSD	Action		Affected Samples
			Positive Detects	NDs	
07/19/01	TCX	30	J	UJ	All samples
07/19/01 (second curve)	HCX	45	J	None	CMS-SD-4003-0000-01, CMS-SD-4006-0000-01, CMS-SD-4007-0000-01, LPX-SD-4001-0000-01, LPX-SD-4004-0000-01, WRL-SD-4005-0000-01

The data associated with RSD of noncompliant initial calibration are qualified due to the high variability. The quantitation of the associated analyte in the samples could be biased.

The following table summarizes the Continuing Calibration Verifications which did not meet the criterion specified in Centredale Manor Tasks 19-22 QAPP (5/23/01) and in Table 6 "VER" of Method 1613B.

VER Date	Compound	VER Conc.	VER Limits	Action		Affected Samples
				Positive Detects	NDs	
07/27/01 (beginning)	123789-HxCDF	40	45-56	J	UJ	CMS-SD-4003-0000-01, CMS-SD-4006-0000-01, CMS-SD-4007-0000-01, GMP-SD-5002-0000-01, LPX-SD-4001-0000-01, RAB-SD-5004-0000-01, RWR-SD-5004-0000-01
07/28/01 (ending)	123789-HxCDF	42				
08/17/01 (ending)	$^{13}C_{12}$-1234789-HpCDF	159	77-129	J	UJ	LPX-SD-4002-0000-01

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The data associated with response factors of noncompliant continuing calibration verifications are qualified due to high variability. The quantitation of 123789-HxCDF and 1234789-HpCDF in the associated samples could be biased.

Chromatographic Resolution

The hexachloroxanthene (HCX) peaks exhibited poor chromatography, i.e., broad peak shape. The broad peak shape created irregularities in the response factors used to calculate the concentrations of HCX. Therefore, professional judgement was used to estimate (J, UJ) all the HCX results due to poor chromatography.

Blanks

All of the blanks associated with this SDG were evaluated for contamination. The following table lists the highest concentration of the analytes found in the various blanks associated with these samples. The tables list the contamination found in the blanks along with the action levels and the affected samples:

- Method Blanks

Congener	Type of Blank	Blank Concentration (pg/g)	Action Level (pg/g)	Samples Affected
2378-TCDD	Method Blank (7/23/01)	0.51	2.6	RAB-SD-5004-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01
12378-PeCDD	Method Blank (7/23/01)	0.24	1.2	CMS-SD-4003-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01
123478-HxCDD	Method Blank (7/23/01)	0.27	1.4	RAB-SD-5004-0000-01
123678-HxCDD	Method Blank (7/23/01)	0.55	2.8	RAB-SD-5004-0000-01
123789-HxCDD	Method Blank (7/23/01)	0.79	4.0	RAB-SD-5004-0000-01, RWR-SD-5003-0000-01
1234678-HpCDD	Method Blank (7/23/01)	9.4	46	RAB-SD-5004-0000-01
OCDD	Method Blank (7/23/01)	41	410	RAB-SD-5004-0000-01
12378-PeCDF	Method Blank (7/23/01)	0.30	1.5	CMS-SD-4003-0000-01, RWR-SD-5004-0000-01

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Congener	Type of Blank	Blank Concentration (pg/g)	Action Level (pg/g)	Samples Affected
23478-PeCDF	Method Blank (7/23/01)	0.31	1.6	RAB-SD-5004-0000-01
123478-HxCDF	Method Blank (7/23/01)	0.65	3.2	RAB-SD-5004-0000-01
123678-HxCDF	Method Blank (7/23/01)	0.28	1.4	RAB-SD-5004-0000-01
123789-HxCDF	Method Blank (7/23/01)	0.34	1.7	CMS-SD-4003-000-01, CMS-SD-4006-0000-01, CMS-SD-4007-0000-01, GMP-SD-5002-0000-01, LPX-SD-4004-0000-01, WRL-SD-4005-0000-01
234678-HxCDF	Method Blank (7/23/01)	0.30	1.5	RAB-SD-5004-0000-01
1234789-HpCDF	Method Blank (7/23/01)	0.46	2.3	RAB-SD-5004-0000-01, RWR-SD-5003-0000-01
Total Tetra Furans	Method Blank (7/23/01)	1.0	10	RWR-SD-5003-0000-01
Total Tetra Dioxins	Method Blank (7/23/01)	0.59	5.9	RAB-SD-5004-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01
Total Penta Furans	Method Blank (7/23/01)	2.1	21	RAB-SD-5004-0000-01
Total Penta Dioxins	Method Blank (7/23/01)	0.24	2.4	RWR-SD-5003-0000-01
Total Hexa Furans	Method Blank (7/23/01)	2.9	29	RAB-SD-5004-0000-01
Total Hexa Dioxins	Method Blank (7/23/01)	4.1	41	RAB-SD-5004-0000-01, RWR-SD-5003-0000-01
Total Hepta Furans	Method Blank (7/23/01)	2.9	29	RAB-SD-5004-0000-01
Total Hepta Dioxins	Method Blank (7/23/01)	15	150	RAB-SD-5004-0000-01, RWR-SD-5003-0000-01
2378-TCDF	Method Blank (7/23/01-confirmation analysis)	0.62	3.1	RAB-SD-5004-0000-01

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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-01-007 (01/31/01) 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 or equal to the blank action level are reported as non-detects (U) at the reported concentration on the Data Summary Table.

Matrix Spike (MS)/Matrix Spike Duplicate

One MS/MSD pair was evaluated for this SDG: RWR-SD-5003-0000-01MS/RWR-SD-5003-0000-01MSD.

The table below summarizes the soil MS/MSD results which did not meet the recovery criteria of 50-120% and/or Relative Percent Difference RPD ≤ 30% for the Centredale Manor Tasks 19-22 QAPP (5/23/01).

RWR-SD-5003-0000-01					
Compound	MS % Rec.	MSD % Rec.	RPD	Action	
				Positive Detects	NDs
1234678-HpCDD	131	118*	11*	J	UJ
OCDD	206	133	43	J	UJ
TCX	13	8	46	J	R

* Recoveries and/or RPDs were acceptable.

1234678-HpCDD and OCDD results were estimated (J, UJ) in sample RWR-SD-5003-0000-01 since the percent recoveries and/or precision were outside the criteria. Professional judgement was used to reject (R) TCX nondetected results in all of the samples due to low recoveries and RPD outside the criteria. There is a possibility of false negative results for TCX.

Laboratory Control Sample

The laboratory extracted and analyzed one OPR/LCS with this group of samples. The following table summarizes the Ongoing Precision and Recovery (OPR) result which did not meet Centredale Manor Tasks 19-22 QAPP (5/23/01) recoverion criteria and the resulting sample qualifications:

OPR Date	Compound	% Recovery	% Recovery Range	Action		Affected Samples
				Positive Detects	NDs	
7/23/01	TCX	4	50-120	J	R	All

The non-detected results for TCX were rejected (R) as unusable due to possibility of false negatives in all samples.

Laboratory and Field Duplicates

One field duplicate pair was evaluated for this SDG: LPX-SD-071601-A/LPX-SD-4002-0000-01.

The table below summarizes the soil field duplicate results which did not meet the field duplicate criterion of Relative Percent Difference (RPD) < 50% for soils/sediments as specified in Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/31/01).

LPX-SD-071601-A/LPX-SD-4002-0000-01:

Congener	LPX-SD-0716-01-A	LPX-SD-4002-0000-01	RPD	Action		Affected Samples
	% Solids (36.78)	% Solids (36.35)				
	Sample Conc. (pg/g)	Sample Conc. (pg/g)		Positive Detects	NDs	
2378-TCDD	478	216	76	J	UJ	LPX-SD-071601-A, LPX-SD-4002-0000-01

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One laboratory duplicate was evaluated for this SDG: LPX-SD-4004-0000-01:

The table below summarizes the laboratory duplicate results that did not meet the laboratory duplicate criterion of relative Percent Difference (RPD) ≤ 30% as specified in Centredale Manor Tasks 19-22 QAPP (5/23/01).

Compound	LPX-SD-4004-0000-01	LPX-SD-4004-0000-01 Duplicate	RPD	Action		Affected Samples
	Sample Conc. (pg/g)	Sample Conc. (pg/g)		Positive Detects	NDs	
HCX	117649	84226	33	J	UJ	All

Professional judgement was used to estimate (J, UJ) all results for HCX in all of the samples due to poor laboratory duplicate precision.

Internal/Clean up Standards

- Internal Standards

The following table summarizes the internal standard recoveries that did not meet an acceptance criterion of 25-150% as specified in the Centredale Manor Tasks 19-22 QAPP (5/23/01).

Standard	% Recovery	Action		Affected Samples
		Positive Detects	NDs	
$^{13}C_{12}$-2378-TCDF	24	J	UJ	CMS-SD-4006-0000-01 (confirmation)
$^{13}C_{12}$-2378-TCDF	19	J	UJ	CMS-SD-4007-0000-01 (confirmation)
$^{13}C_{12}$-2378-TCDF	11	J	UJ	LPX-SD-071601-A (confirmation)
$^{13}C_{12}$-2378-TCDF	7.9	J	UJ	LPX-SD-4002-0000-01 (confirmation)
$^{13}C_{12}$-OCDD	160	J	UJ	LPX-SD-4002-0000-01

The corresponding non-labeled congener results are estimated as shown in the table, since internal standard percent recoveries were outside the acceptance criterion.

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Sample Quantitation

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

The following samples had percent solids less than 30%: GMP-SD-5002-0000-01 and LPX-SD-4004-0000-01. As a result of low percent solids, the positive results were estimated (J) and non-detected results rejected (R) in these two samples.

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 slightly from the values reported by the laboratory. The validated data accounts for blank contamination and any necessary dilutions. The TE calculations include the reported EMPC values. The TE values are reported on the Data Summary Tables on dry weight basis for the soil samples. The TEF values provided in Table 10 of EPA Method 8290A Revision 1, January 1998 are published in EPA/625/3-89/016, "Interim Procedures for Estimating Risks Associated with Exposure to Mixtures of Chlorinated Dibenzo-p-Dioxins and Dibenzofurans (CDDs and CDFs)" 1989 Update, Part II, page 13 and are the ones used in these calculations and by the laboratory.

Required Sample Reruns and Second Column Confirmation

The positive results for 2378-TCDF were reported from the confirmation analysis with the exception of sample LPX-SD-4004-0000-01. In this sample, professional judgement was used to report 2378-TCDF from the primary and not the confirmation column. The laboratory reported 2378-TCDF as non-detected result on the confirmation column due to interferences for that congener.

Concentrations reported from the confirmation analysis are flagged with a ($) on the Data Summary Table.

System Performance

No trends were noted with the dioxin/furan analysis. The results for HCX and TCX indicated analytical problems. The problems included: noncompliant initial calibration, poor HCX chromatography, low TCX recoveries in MS/MSD and OPR/LCS, and poor laboratory duplicate precision for HCX.

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March 25, 2002
B-02-03-Z-04
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Very truly yours,

LOCKHEED ENVIRONMENTAL

Maria E. Baca
Senior Scientist

Louis Maem
ESAT Program Manager

cc: Cornell Rosiu, EPA RPM (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
PES Score Reports
Communications
Field Notes

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04/09/2002 TUE 11:41 FAX 013/020

Table I
Recommendation Summary Table for Dioxins/Furans/TCX/HCX
Centredale Manor Site - North Providence, RI Site
Case No. Centredale Sediments B1OF1, SDG No. 48985-01 D/F

Sample Nos.	CMS-SD-4003-0000-01	CMS-SD-4006-0000-01	CMS-SD-4007-0000-01	GMP-SD-5002-0000-01	LPX-SD-071601-A	LPX-SD-4001-0000-01	LPX-SD-4002-0000-01
Compound							
2378-TCDD	A	A	A	J[9]	J[6]	A	J[6]
12378-PeCDD	J[6]	A	A	J[9]	A	A	A
123478-HxCDD	A	A	A	J[9]	A	A	A
123678-HxCDD	A	A	A	J[9]	A	A	A
123789-HxCDD	A	A	A	J[9]	A	A	A
1234678-HpCDD	A	A	A	J[9]	A	A	A
OCDD	A	A	A	J[9]	A	A	J[8]
2378-TCDF	A	J[6]	J[6]	J[9]	J[8]	A	J[8]
12378-PeCDF	J[4]	A	A	J[9]	A	A	A
23478-PeCDF	A	A	A	J[9]	A	A	A
123478-HxCDF	A	A	A	J[9]	A	A	A
123678-HxCDF	A	A	A	J[9]	A	A	A
123789-HxCDF	J[2,4]	J[2,4]	J[2,4]	J[2,4,9]	A	J[2]	A
234678-HxCDF	A	A	A	J[9]	A	A	A
1234678-HpCDF	A	A	A	J[9]	A	A	A
1234789-HpCDF	A	A	A	J[9]	A	A	J[2]
OCDF	A	A	A	J[9]	A	A	J[8]
HCX	J[1,3,7]	J[1,3,7]	J[1,3,7]	J[3,7,9]	J[3,7]	J[1,3,7]	J[3,7]
TCX	R[2,3]	R[2,3]	R[2,3]	R[1,2,3]	R[2,3]	R[2,3]	R[2,3]

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Table I
Recommendation Summary Table for Dioxins/Furans/TCX/HCX
Centredale Manor Site - North Providence, RI Site
Case No. Centredale Sediments B1OF1, SDG No. 48985-01 D/F

Sample Nos.	LPX-SD-4004-0000-01	RAB-SD-5004-0000-01	RWR-SD-5003-0000-01	RWR-SD-5004-0000-01	WRL-SD-4005-0000-01
Compound					
2378-TCDD	J[9]	J[4]	J[4]	J[4]	A
12378-PeCDD	J[9]	A	J[4]	J[4]	A
123478-HxCDD	J[9]	J[4]	A	A	A
123678-HxCDD	J[9]	J[4]	A	A	A
123789-HxCDD	J[9]	J[4]	J[4]	A	A
1234678-HpCDD	J[9]	J[4]	J[5]	A	A
OCDD	J[9]	J[4]	J[3]	A	A
2378-TCDF	J[9]	J[4]	A	A	A
12378-PeCDF	J[9]	A	A	J[4]	A
23478-PeCDF	J[9]	J[4]	A	A	A
123478-HxCDF	J[9]	J[4]	A	A	A
123678-HxCDF	J[9]	J[4]	A	A	A
123789-HxCDF	J[4,9]	J[2]	A	J[2]	J[4]
234678-HxCDF	J[9]	J[4]	A	A	A
1234678-HpCDF	J[9]	A	A	A	A
1234789-HpCDF	J[9]	J[4]	J[4]	A	A
OCDF	J[9]	A	A	A	A
HCX	J[1,3,7,9]	J[3,7]	J[3,7]	J[3,7]	J[1,3,7]
TCX	R[1,2,3]	R[2,3]	R[2,3]	R[2,3]	R[2,3]

Table I
Recommendation Summary Table for Dioxins/Furans/HCX/TCX

A	-	Accept results.
R[1]	-	% Solids < 30%; reject (R) non-detects.
R[2]	-	Low MS/MSD recoveries; reject (R) non-detects.
R[3]	-	Low OPR/LCS recoveries; reject (R) non-detects.
J[1]	-	Initial calibration %RSD > 25%; J detects, UJ non-detects.
J[2]	-	Calibration verification outside criteria; J detects, UJ non-detects.
J[3]	-	Poor chromatography; J detects, UJ non-detects.
J[4]	-	Method Blank contamination; positive sample results less than the blank action level are reported as non-detects (U) at the reported concentration.
J[5]	-	MS/MSD recovery and/or RPD outside criteria; J detects, UJ non-detects.
J[6]	-	Field duplicate precision outside criteria; J detects, UJ non-detects.
J[7]	-	Laboratory duplicate precision outside criteria; J detects, UJ non-detects.
J[8]	-	Internal standard % recovery outside criteria; J detects, UJ non-detects.
J[9]	-	% Solids < 30 %; J detects.

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EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN/HCX/TCX 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*		
To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site.	No, Sampling Method not appropriate for all samples Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: R[illegible]	Refer to qualification in R/S Key on Table I: R[illegible]	**	One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of 30%D from the consensus value. The TCX results indicated analytical problems. The problems included: noncompliant initial calibration, low Ongoing Precision and Recovery (OPR) recovery, low Matrix Spike (MS), and Matrix Spike Duplicate (MSD) recoveries. All TCX data were rejected due to the above noncompliancies. Two sediment samples had percent solids less than 30%: GMP-SD-5002-0000-01 and LPX-SD-4004-0000-01. As a result of low percent solids, the positive results were estimated (J) and non-detected results were rejected (R) in these two samples. The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the data. Contaminants were found in both the blanks and the field samples. If 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 1 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. However, the TCX data were rejected. See the discussion in the data validation memorandum for details. The reported results are usable for the site objectives with the exception of TCX results.

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

Validator: Marie Bass

Date: 3/29/02

002/010

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO.: Centredale Sediments 810F1, SDG NO.: 48585-01 D/F
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	CMS-SD-4000-0000-01#		CMS-SD-4006-0000-01#		CMS-SD-4007-0000-01#		GMP-SD-5002-0000-01#		LPX-SD-071801-AH		LPX-SD-4001-0000-01#		LPX-SD-4002-0000-01#	
STATION LOCATION:	Equivalency	Centredale Manor Site		Centredale Manor Site		Centredale Manor Site		Greystone Mill Pond		Lymansville Pond		Lymansville Pond		Lymansville Pond	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*
2,3,7,8-TCDD	1.00	327.90		3189.28		381.41		2.77 J		478.64 J		4556.77		216.21 J	
1,2,3,7,8-PeCDD	0.50	U	0.93	4.45 J		1.66 J		2.15 J		10.73		6.44 J		10.35	
1,2,3,4,7,8-HxCDD	0.10	1.87 J		5.67		5.63		2.52 J		21.53		7.91 J		13.82	
1,2,3,6,7,8-HxCDD	0.10	5.97		24.93		14.31		10.10 J		74.61		28.89		56.23	
1,2,3,7,8,9-HxCDD	0.10	5.40		23.16		24.03		8.23 J		64.44		26.82		50.82	
1,2,3,4,6,7,8-HpCDD	0.01	910.89		6803.77		246.14		207.90 J		1567.27		620.72		1483.33	
OCDD	0.001	709.87		5185.67		1196.64		1831.28 J		11092.28		4284.98		30752.11 J	
2,3,7,8-TCDF	0.1	7.12 $		19.65 J$		12.20 J$		6.76 J$		5.37 J$		17.91 $		8.26 J$	
1,2,3,7,8-PeCDF	0.05	U	0.89	2.34 J		2.81 J		2.73 J		4.75 J		3.76 J		4.16 J	
2,3,4,7,8-PeCDF	0.5	2.48 J		3.89 J		8.48		3.92 J		5.78 J		8.24 J		U	4.91
1,2,3,4,7,8-HxCDF	0.1	5.75		12.00		13.85		10.18 J		22.23		20.85 J		19.63	
1,2,3,6,7,8-HxCDF	0.1	6.14		10.82		11.80		8.15 J		20.09		18.11 J		19.51	
1,2,3,7,8,9-HxCDF	0.1	UJ	0.29	UJ	0.45	UJ	0.63	UJ	0.47	U	1.87	UF	9.04	U	4.23
2,3,4,6,7,8-HxCDF	0.1	3.91 J		6.78		9.85		4.89 J		14.82		12.44 J		13.72	
1,2,3,4,6,7,8-HpCDF	0.01	67.82		164.08		117.83		82.58 J		313.37		225.62		333.84	
1,2,3,4,7,8,9-HpCDF	0.01	2.78 J		7.77		4.95 J		4.43 J		17.86		10.64 J		17.52 J	
OCDF	0.001	74.21		405.83		181.06		133.39 J		568.45		285.36		864.34 J	
TOTAL TCDD		327.90 J		3189.28 J		381.41 J		9.81 J		478.64 J		4556.77 J		216.21 J	
TOTAL PeCDD		8.58 J		8.79 J		16.45 J		7.66 J		34.08 J		27.02 J		12.39 J	
TOTAL HxCDD		43.75 J		161.01 J		161.80 J		72.78 J		360.85 J		194.40 J		423.84 J	
TOTAL HpCDD		280.89 J		1846.25 J		600.88 J		421.24 J		3560.58 J		1134.86 J		3344.63 J	
TOTAL TCDF		18.59 J		83.62 J		111.04 J		39.60 J		25.79 J		131.79 J		12.49 J	
TOTAL PeCDF		95.97 J		144.66 J		270.32 J		85.35 J		142.74 J		312.88 J		144.77 J	
TOTAL HxCDF		99.80 J		189.17 J		229.82 J		109.04 J		331.34 J		328.85 J		333.46 J	
TOTAL HpCDF		129.76 J		481.52 J		255.24 J		170.21 J		766.54 J		470.65 J		711.31 J	
HCX - Hexachlorexanthene		13142.44 J		135808.80 J		18926.43 J		356.29 J		3939.06 J		71043.39 J		3743.83 J	
TCX - Tetrachlorexanthene		R		R		R		R		R		R		R	
TOXICITY EQUIVALENCY(1):		340 J		3200 J		400 J		16 J		540 J		4600 J		270 J	
PERCENT SOLIDS:		50.40		43.24		42.83		24.17		36.78		29.99		36.36	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.5		1.0		1.0	
DATE SAMPLED:		07/12/01		07/12/01		07/12/01		07/11/01		07/18/01		07/12/01		07/12/01	
DATE OF RECEIPT:		07/14/01		07/14/01		07/14/01		07/14/01		07/21/01		07/14/01		07/14/01	
SAMPLE EXTRACTION DATE:		07/23/01		07/23/01		07/23/01		07/23/01		08/30/01		07/23/01		07/23/01	
ANALYSIS DATE:		07/28/01		07/28/01		07/28/01		07/27/01		09/13/01		07/28/01		08/17/01	
LAB SAMPLE ID:		48585-01-06		48585-01-07		48585-01-08		48585-01-02		48008-01-17		48585-01-09		48585-01-10	

* = 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 "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
# = Results are reported on a dry weight basis.
$ = Results reported from a confirmation analysis.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Interim Procedures for Estimating Risk Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and Dibenzofurans (CDDs and CDFs)" 1989 Update, Part II, page 10.

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO.: Centredale Sediments S1OF1, SDG NO.: 48985-01 DVF
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	LPX-SD-4004-0030-01#		RAB-SD-5004-0000-01#		RWR-SD-5005-0030-01#		RWR-SD-5004-0030-01#		WRL-SD-4005-0030-01#	
STATION LOCATION:	Equivalency	Lymansville Pond		Assapumpsett Brook, Ref.		Woonasquatucket R. Upstream Reach		Woonasquatucket R. Upstream Reach		Woonasquatucket R. Lymansville Reach	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
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	1.00	2072.67 J		U	1.84	U	1.02	U	0.75	751.75	
1,2,3,7,8-PeCDD	0.50	3.97 J		U	0.26	U	1.05	U	0.89	2.03 J	
1,2,3,4,7,8-HxCDD	0.10	5.99 J		U	0.60	1.43 J		1.76 J		3.00 J	
1,2,3,6,7,8-HxCDD	0.10	18.93 J		U	2.07	5.14 J		7.71		9.26	
1,2,3,7,8,9-HxCDD	0.10	18.05 J		U	3.23	U	3.57	6.82		8.31	
1,2,3,4,6,7,8-HpCDD	0.01	407.40 J		U	44.64	87.26 J		105.63		182.68	
OCDD	0.001	2882.29 J		U	237.16	469.36 J		584.43		1347.90	
2,3,7,8-TCDF	0.1	12.96 J		U	2.49 $	4.16 $		4.24 $		5.20 $	
1,2,3,7,8-PeCDF	0.05	3.89 J		U	0.23	U	2.01	U	1.12	1.88 J	
2,3,4,7,8-PeCDF	0.5	6.31 J		U	1.00	6.11 J		2.39 J		2.85 J	
1,2,3,4,7,8-HxCDF	0.1	12.06 J		U	2.36	4.39 J		7.42		6.26	
1,2,3,6,7,8-HxCDF	0.1	9.58 J		U	0.93	2.58 J		5.71		4.89 J	
1,2,3,7,8,9-HxCDF	0.1	UJ	0.42	UJ	0.65	U	1.55	UJ	6.40	U	0.17
2,3,4,6,7,8-HxCDF	0.1	6.53 J		U	1.14	1.74 J		4.91		3.56 J	
1,2,3,4,6,7,8-HpCDF	0.01	122.52 J		0.02		25.07		226.66		70.84	
1,2,3,4,7,8,9-HpCDF	0.01	6.49 J		U	0.49	U	1.35	3.24 J		3.35 J	
OCDF	0.001	202.75 J		10.69		44.94		102.59		129.58	
TOTAL TCDD		2072.67 J		UJ	1.29	UJ	1.02	UJ	2.72	751.75 J	
TOTAL PeCDD		18.74 J		2.43 J		UJ	1.05	6.98 J		10.73 J	
TOTAL HxCDD		122.71 J		UJ	24.16	UJ	37.03	62.62 J		63.03 J	
TOTAL HpCDD		739.69 J		UJ	83.16	UJ	140.94	205.87 J		345.17 J	
TOTAL TCDF		95.59 J		14.28 J		UJ	9.63	23.97 J		34.22 J	
TOTAL PeCDF		178.36 J		UJ	14.92	48.11 J		67.37 J		61.85 J	
TOTAL HxCDF		178.47 J		UJ	13.68	37.90 J		148.92 J		66.44 J	
TOTAL HpCDF		257.75 J		UJ	15.82	53.35 J		381.44 J		162.68 J	
HCX - Hexachlorobenzene		117649.10 J		17.22 J		22.78 J		26.89 J		21822.87 J	
TCX - Tetrachloroxanthene		R		R		R		R		R	
TOXICITY EQUIVALENCY(1)#		2100 J		0.091 J		6.9 J		9.1 J		760 J	
PERCENT SOLIDS:		26.20		41.16		69.60		69.90		46.37	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		07/12/01		07/12/01		07/12/01		07/12/01		07/12/01	
DATE OF RECEIPT:		07/14/01		07/14/01		07/14/01		07/14/01		07/14/01	
SAMPLE EXTRACTION DATE:		07/23/01		07/23/01		07/23/01		07/23/01		07/23/01	
ANALYSIS DATE:		07/28/01		07/28/01		07/28/01		07/27/01		07/28/01	
LAB SAMPLE ID:		48985-01-11		48985-01-05		48985-01-03		48985-01-04		48985-01-12	

* = 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 "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated
# = Results are reported on a dry weight basis.
$ = Results reported from a confirmation analysis.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Interim Procedures for Estimating Risk Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and Dibenzofurans (CDDs and CDFs)" 1989 Update, Part II, page 13.

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO.: Centredale Sediments B1OF1, SDG NO.: 48985-01 DF
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	CMS-SD-4003-0000-01#		CMS-SD-4006-0000-01#		CMS-SD-4007-0000-01#		GMP-SD-5002-0000-01#		LPX-SD-071601-AV		LPX-SD-4001-0000-01#		LPX-SD-4002-0000-01#	
STATION LOCATION:	Equivalency	Centredale Manor Site		Centredale Manor Site		Centredale Manor Site		Greystone Mill Pond		Lymansville Pond		Lymansville Pond		Lymansville Pond	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	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	1.0000	327.90		3198.28		381.41		2.77 J		476.54 J		4556.77		216.21 J	
1,2,3,7,8-PeCDD	1.0000	U	0.63	6.46 J		1.55 J		2.15 J		10.23		6.44 J		10.35	
1,2,3,4,7,8-HxCDD	0.1000	1.87 J		5.87		5.83		2.52 J		21.53		7.91 J		13.82	
1,2,3,6,7,8-HxCDD	0.1000	5.97		24.98		56.31		10.10 J		74.61		28.89		65.23	
1,2,3,7,8,9-HxCDD	0.1000	5.40		23.15		24.03		9.23 J		64.44		25.82		50.82	
1,2,3,4,6,7,8-HpCDD	0.0100	110.89		583.77		246.14		207.80 J		1597.27		626.72		1490.33	
OCDD	0.0001	783.87		5585.97		1566.64		5801.29 J		11092.28		4294.96		10752.11 J	
2,3,7,8-TCDF	0.1000	7.12 $		19.85 JS		12.20 JS		6.75 JS		6.37 JS		17.91 $		6.26 JS	
1,2,3,7,8-PeCDF	0.0500	U	0.99	2.34 J		2.61 J		2.73 J		4.76 J		3.70 J		4.16 J	
2,3,4,7,8-PeCDF	0.5000	2.48 J		3.89 J		8.49		3.93 J		6.78 J		8.24 J		U	4.91
1,2,3,4,7,8-HxCDF	0.1000	5.75		12.03		13.66		10.18 J		22.20		20.85 J		19.53	
1,2,3,6,7,8-HxCDF	0.1000	5.14		19.82		11.80		8.15 J		20.08		18.11 J		19.11	
1,2,3,7,8,9-HxCDF	0.1000	UJ	0.29	UJ	8.45	UJ	0.43	UJ	0.47	U	1.87	UJ	9.04	U	4.20
2,3,4,6,7,8-HxCDF	0.1000	3.51 J		9.79		9.95		4.80 J		13.82		12.44 J		13.73	
1,2,3,4,6,7,8-HpCDF	0.0100	87.82		194.08		117.89		82.58 J		313.37		226.62		333.84	
1,2,3,4,7,8,9-HpCDF	0.0100	2.76 J		7.77		6.95 J		4.43 J		17.86		10.54 J		17.52 J	
OCDF	0.0001	74.21		485.83		181.08		133.39 J		568.45		286.36		694.34 J	
TOTAL TCDD		327.90 J		3198.28 J		381.41 J		8.81 J		476.54 J		4556.77 J		216.21 J	
TOTAL PeCDD		6.66 J		6.79 J		18.45 J		7.85 J		34.08 J		27.02 J		42.38 J	
TOTAL HxCDD		43.76 J		181.01 J		181.50 J		72.76 J		380.85 J		194.40 J		423.84 J	
TOTAL HpCDD		203.89 J		1043.25 J		503.89 J		431.24 J		3560.88 J		1134.88 J		3344.63 J	
TOTAL TCDF		18.89 J		63.62 J		111.04 J		39.80 J		25.70 J		131.78 J		10.49 J	
TOTAL PeCDF		85.87 J		144.66 J		270.32 J		85.36 J		142.74 J		312.88 J		140.77 J	
TOTAL HxCDF		99.60 J		199.17 J		229.82 J		109.04 J		331.36 J		328.85 J		333.46 J	
TOTAL HpCDF		129.76 J		491.62 J		253.24 J		170.21 J		766.54 J		470.85 J		711.31 J	
HCX - Hexachlorobenzene		13142.44 J		135803.80 J		10835.43 J		154.29 J		3668.08 J		71043.38 J		3743.83 J	
TCX - Tetrachloroxanthene		R		R		R		R		R		R		R	
TOXICITY EQUIVALENCY(1):		330 J		3200 J		400 J		16 J		530 J		4850 J		260 J	
PERCENT SOLIDS:		60.40		43.24		42.63		24.17		36.78		28.98		36.35	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.5		1.0		1.0	
DATE SAMPLED:		07/12/01		07/12/01		07/12/01		07/11/01		07/18/01		07/12/01		07/12/01	
DATE OF RECEIPT:		07/14/01		07/14/01		07/14/01		07/14/01		07/21/01		07/14/01		07/14/01	
SAMPLE EXTRACTION DATE:		07/23/01		07/23/01		07/23/01		07/23/01		08/30/01		07/23/01		07/23/01	
ANALYSIS DATE:		07/28/01		07/28/01		07/28/01		07/27/01		09/13/01		07/28/01		08/17/01	
LAB SAMPLE ID:		48985-01-06		48985-01-07		48985-01-08		48985-01-02		49098-01-17		48985-01-09		48985-01-10	

* = 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 "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
# = Results are reported on a dry weight basis.
$ = Results reported from a confirmation analysis.
(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 (12), December 1998, Table 1, page 778.

04/09/2002 TUE 11:45 FAX 020/020

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO.: Centredale Sediments B1DF1, SDG NO.: 46985-01 D/F
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	LPK-SD-4004-0000-01#		RAB-SD-5004-0000-01#		RWR-SD-5003-0000-01#		RWR-SD-5004-0000-01#		WRL-SD-4005-0000-01#	
STATION LOCATION:	Equivalency	Lymansville Pond		Assapompsett Brook, Ref.		Woonasquatucket R. Upstream Reach		Woonasquatucket R. Upstream Reach		Woonasquatucket R. Lymansville Reach	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*	ppb	DL/EMPC*
2,3,7,8-TCDD	1.0000	2072.67 J		U	1.04	U	1.02	U	0.78	751.75	
1,2,3,7,8-PeCDD	1.0000	3.97 J		U	0.26	U	1.05	U	0.89	2.08 J	
1,2,3,4,7,8-HxCDD	0.1000	5.99 J		U	0.90	1.43 J		1.78 J		3.00 J	
1,2,3,6,7,8-HxCDD	0.1000	18.93 J		U	2.87	5.14 J		7.71		9.26	
1,2,3,7,8,9-HxCDD	0.1000	15.05 J		U	3.23	U	3.67	6.82		8.31	
1,2,3,4,6,7,8-HpCDD	0.0100	487.40 J		U	44.84	67.26 J		106.63		192.66	
OCDD	0.0001	2892.29 J		U	237.18	469.36 J		584.43		1347.80	
2,3,7,8-TCDF	0.1000	12.96 J		U	2.49 $	4.16 $		4.24 $		5.20 $	
1,2,3,7,8-PeCDF	0.0500	3.69 J		U	0.23	U	2.01	U	1.12	1.88 J	
2,3,4,7,8-PeCDF	0.5000	5.31 J		U	1.00	5.11 J		2.39 J		2.85 J	
1,2,3,4,7,8-HxCDF	0.1000	12.06 J		U	2.36	4.39 J		7.42		5.28	
1,2,3,6,7,8-HxCDF	0.1000	9.58 J		U	8.90	2.58 J		5.71		4.69 J	
1,2,3,7,8,9-HxCDF	0.1000	UJ	0.42	UJ	8.65	U	1.56	UJ	6.40	U	0.17
2,3,4,6,7,8-HxCDF	0.1000	6.53 J		U	1.14	1.74 J		4.91		3.66 J	
1,2,3,4,6,7,8-HpCDF	0.0100	122.52 J		8.02		26.07		225.66		70.84	
1,2,3,4,7,8,9-HpCDF	0.0100	8.48 J		U	0.49	U	1.35	3.24 J		3.35 J	
OCDF	0.0001	282.75 J		10.69		44.94		102.59		129.89	
TOTAL TCDD		2072.67 J		UJ	1.28	UJ	1.02	UJ	2.72	761.75 J	
TOTAL PeCDD		18.74 J		2.43 J		UJ	1.05	5.98 J		10.73 J	
TOTAL HxCDD		122.71 J		UJ	24.19	UJ	37.05	62.52 J		83.03 J	
TOTAL HpCDD		738.89 J		UJ	83.16	UJ	149.04	206.87 J		345.17 J	
TOTAL TCDF		95.89 J		14.28 J		UJ	3.63	23.97 J		34.22 J	
TOTAL PeCDF		178.36 J		UJ	14.92	48.11 J		67.37 J		52.85 J	
TOTAL HxCDF		178.47 J		UJ	13.68	37.90 J		148.92 J		86.44 J	
TOTAL HpCDF		267.75 J		UJ	15.82	63.35 J		391.44 J		152.68 J	
HCX - Hexachloroxanthene		117849.10 J		17.22 J		22.78 J		25.89 J		21822.87 J	
TCX - Tetrachloroxanthene		R		R		R		R		R	
TOXICITY EQUIVALENCY(1):		2100 J		0.061 J		5.5 J		8.6 J		760 J	
PERCENT SOLIDS:		28.20		41.15		69.60		59.50		48.37	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		07/12/01		07/12/01		07/12/01		07/12/01		07/12/01	
DATE OF RECEIPT:		07/14/01		07/14/01		07/14/01		07/14/01		07/14/01	
SAMPLE EXTRACTION DATE:		07/23/01		07/23/01		07/23/01		07/23/01		07/23/01	
ANALYSIS DATE:		07/28/01		07/28/01		07/28/01		07/27/01		07/28/01	
LAB SAMPLE ID:		46985-01-11		46985-01-05		46985-01-03		46985-01-04		46985-01-12	

* = 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 "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
# = Results are reported on a dry weight basis.
$ = Results reported from a confirmation analysis.
(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 (12), December 1998, Table 1, page 776.

Steve Stodola
US EPA Approval Signature

4/16/02
Date

April 5, 2002
B-02-04-Y-2
Revised: April 15, 2002

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. 004, Task No. 2, TDF No. 0378
Case No. Sediment B1OF1, SDG No. 48985-01 PCB
Battelle Laboratories - Columbus, OH
Centredale Manor, North Providence, RI

209 PCB Congeners: 4/Sediment/LPX-SD-4001-0000-01, LPX-SD-4004-0000-01, LPX-SD-071601-A, RWR-SD-5003-0000-01

1/Soil SRM/NIST 1944

Dear Ms. Clark:

A Tier III data validation was performed on the 209 PCB congeners analytical data for four sediment samples collected by Harding ESE, Inc. for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The samples were analyzed according to EPA Method 1668A, December 1999, as outlined in the Centredale Manor Tasks 19-22 QAPP (5/23/01). The samples were validated using first the criteria in the Centredale Manor Tasks 19-22 QAPP (5/23/01) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1668A, December 1999, 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 PCB Congener Data Validation ESAT-01-0008 Draft (8/31/01). 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

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*	•	Laboratory Control Sample
	•	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 were 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 human health (HHRA) and ecological risk assessments (ERA) at the site.

One National Institute of Standards & Technology (NIST) Standard Reference Material (SRM) sample was evaluated for this SDG (NIST 1944 for PCB congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of less than 30 %D from the consensus value except for PCB-44, PCB-86 and PCB-93. PCB-44, PCB-86, and PCB-93 had low recoveries, the results for these PCBs in all samples were estimated (J, UJ) due to the possibility of bias low results.

The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the data. Contaminants were found in both the blanks and the field samples. When the analyte concentrations in the field samples were 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.

Sample LPX-SD-4004-0000-01 had less than 30% solids, all positive results were estimated (J) and non-detects were rejected (R).

Data validation indicated minor data quality problems which do not significantly impact the usability of the data. See the discussion below for details. The reported results are usable for the

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site objectives.

Data Completeness (CSF Audit - Tier I)

The following data or information in the data package had discrepancies and/or were missing:

1. The laboratory was asked to submit Form I for PCB-84 thru PCB-169 for sample LPX-SD-17601-A.

2. The laboratory was asked to submit MS/MSD and duplicate precision spreadsheets with the RPDs reported.

3. The laboratory was asked to submit an example calculation for PCB-1 and PCB-9 for one of the field samples.

Items 1 thru 3 were requested via the TOPO on January 24, 2002. Items 1 thru 3 were received via the TOPO on February 21, 2002. All items were adequately addressed.

PE Samples/Accuracy Check

One National Institute of Standards & Technology (NIST) Standard Reference Material (SRM) sample was evaluated for this SDG (NIST 1944 for PCB congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of less than 30 %D from the consensus value except for PCB-44, PCB-86 and PCB-93.

The following table summarizes the SRM sample (48985-01-17 Soil SRM) results which did not meet criterion and the resulting sample qualifications:

PE Sample Number	Congener	%D	Action	
			Positive Detects	NDs
NIST 1944	PCB-44	34	J	UJ
NIST 1944	PCB-86	32	J	UJ
NIST 1944	PCB-93	41	J	UJ

PCB-44, PCB-86, and PCB-93 had low recoveries, the results for these PCBs in all samples were estimated (J, UJ) due to the possibility of low biased results.

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Initial and Continuing Calibrations

The following table summarizes the Calibration Verification (VER) results which did not meet Method 1668A recovery criterion and the resulting sample qualifications:

VER Date	Compound	Recovery (ng/ml)	Acceptable Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
08/01/01 (Beginning)	$^{13}C_{12}$-PCB-188	158	50-150	J	UJ	RWR-SD-5003
08/03/01 (Beginning)	$^{13}C_{12}$-PCB-104	152	50-150	J	UJ	LPX-SD-071601-A
08/03/01 (Ending)	$^{13}C_{12}$-PCB-104	156	50-150	J	UJ	LPX-SD-071601-A

The data associated with recoveries of noncompliant calibration verifications are qualified due to the high variability. The quantitation of the associated analytes in the samples could be biased.

Chromatographic Resolution

Many PCB congeners coeluted on the SPB-Octyl column as documented in Centredale Manor Tasks 19-22 QAPP (5/23/01). The laboratory reported the coeluting concentrations as totals. As a result of the coelution, positive results for coeluting congeners are estimated (J) in all samples.

Coeluting Congeners	Reported as on the Data Summary Table:
PCB-12, PCB-13	PCB-12/PCB-13
PCB-18, PCB-30	PCB-18/PCB-30
PCB-20, PCB-21, PCB-28, PCB-33	PCB-20/PCB-21/PCB-28/PCB-33
PCB-24, PCB-27	PCB-24/PCB-27
PCB-26, PCB-29	PCB-26/PCB-29
PCB-40, PCB-41, PCB-71	PCB-40/PCB-41/PCB-71
PCB-43, PCB-52, PCB-73	PCB-43/PCB-52/PCB-73
PCB-44, PCB-47, PCB-65	PCB-44/PCB-47/PCB-65
PCB-45, PCB-51	PCB-45/PCB-51
PCB-49, PCB-69	PCB-49/PCB-69
PCB-50, PCB-53	PCB-50/PCB-53
PCB-59, PCB-62, PCB-75	PCB-59/PCB-62/PCB-75
PCB-61, PCB-70, PCB-74, PCB-76	PCB-61/PCB-70/PCB-74/PCB-76
PCB-83, PCB-99	PCB-83, PCB-99

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Coeluting Congeners	Reported as on the Data Summary Table:
PCB-85, PCB-116, PCB-117	PCB-85/PCB-116/PCB-117
PCB-86, PCB-87, PCB-97, PCB-109, PCB-119, PCB-125	PCB-86/PCB-87/PCB-97/PCB-109/PCB-119/PCB-125
PCB-90, PCB-101, PCB-113	PCB-90/PCB-101/PCB-113
PCB-88, PCB-91	PCB-88/PCB-91
PCB-93, PCB-95, PCB-98, PCB-100, PCB-102	PCB-93/PCB-95/PCB-98/PCB-100/PCB-102
PCB-108, PCB-124	PCB-108/PCB-124
PCB-110, PCB-115	PCB-110/PCB-115
PCB-106, PCB-107, 2'344'5-PentaCB (#123)	PCB-106/PCB-107/2'344'5-PentaCB (#123)
PCB-128, PCB-166	PCB-128/PCB-166
PCB-129, PCB-138, PCB-160, PCB-163	PCB-129/PCB-138/PCB-160/PCB-163
PCB-134, PCB-143	PCB-134/PCB-143
PCB-135, PCB-151, PCB-154	PCB-135/PCB-151/PCB-154
PCB-137, PCB-164	PCB-137/PCB-164
PCB-146, PCB-161	PCB-146/PCB-161
PCB-147, PCB-149	PCB-147/PCB-149
PCB-153, PCB-168	PCB-153/PCB-168
PCB-156, PCB-157	PCB-156/PCB-157
PCB-171, PCB-173	PCB-171/PCB-173
PCB-180, PCB-193	PCB-180/PCB-193
PCB-198, PCB-199	PCB-198/PCB-199

Note: None of the "toxic congeners" with TEF values coelute, except for PCB-123, PCB-156, and PCB-157.

Blanks

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

Congener	Type of Blank (Sample ID)	Blank Concentration ng/Kg	Action Level ng/Kg	Sample Affected
PCB-3	Method Blank (8/01/01)	15	75	RWR-SD-5003

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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 PCB Congener data Validation ESAT-01-0008 Draft (8/31/01) criteria. Blank action levels are calculated as five times the highest concentration of the contaminant determined in any blank. 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

One MS/MSD pair was evaluated for this SDG: RWR-SD-5003MS/RWR-SD-5003MSD.

The table below summarizes the sediment MS/MSD results which did not meet the recovery criteria of 50-125% (Tri-Deca PCBs) and 30-125% (Mono and Di PCBs) and/or Relative Percent Difference (RPD) ≤ 30% as specified in the Centredale Manor Tasks 19-22 QAPP (5/23/01).

RWR-SD-5003					
Congener	MS % Rec.	MSD % Rec.	% RPD	Action	
				Positive Detects	NDs
PCB-126	132	77*	53	J	UJ
PCB-167	124*	69*	57	J	UJ

* Recoveries and/or RPDs were acceptable

Professional judgement was used to estimate (J,UJ) values for PCB-126 and PCB-167 in all samples since percent recoveries and/or precision were outside the required criteria.

Laboratory and Field Duplicates

One laboratory duplicate pair was evaluated for this SDG (LPX-SD-4004/LPX-SD-4004Dup).

The table below summarizes the laboratory duplicate results which did not meet the duplicate criterion of Relative Percent Difference (RPD) < 30% as specified by Centredale Manor Tasks 19-22 QAPP (5/23/01).

Congener	LPX-SD-4004	LPX-SD-4004Dup	RPD	Action		Affected Samples
	% Solids (26.2%)	% Solids (26.2%)				
	Sample Conc. (ng/Kg)	Duplicate Conc. (ng/Kg)		Positive Detects	Non-Detects	
PCB-6	1457	1033	34	J	UJ	All
PCB-26/29	1276	1770	32	J	UJ	All

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Congener	LPX-SD-4004	LPX-SD-4004Dup	RPD	Action		Affected Samples
	% Solids (26.2%)	% Solids (26.2%)				
	Sample Conc. (ng/Kg)	Duplicate Conc. (ng/Kg)		Positive Detects	Non-Detects	
PCB-40/41/71	20137	9322	73	J	UJ	All
PCB-42	5246	3342	44	J	UJ	All
PCB-44/47/65	18113	12598	36	J	UJ	All
PCB-45/51	2197	1528	36	J	UJ	All
PCB-46	1072	684	44	J	UJ	All
PCB-50/53	2873	1999	36	J	UJ	All
PCB-56	9650	4278	77	J	UJ	All
PCB-60	415	1157	94	J	UJ	All
PCB-64	6883	4000	53	J	UJ	All
PCB-66	24809	13301	60	J	UJ	All
PCB-61/70/74/76	27017	17191	44	J	UJ	All
PCB-82	8527	4382	64	J	UJ	All
PCB-84	20416	5830	111	J	UJ	All
PCB-86/87/97/109/119/125	40317	22676	56	J	UJ	All
PCB-88/91	7988	2586	102	J	UJ	All
PCB-92	7869	5223	40	J	UJ	All
PCB-93/95/98/100/102	47300	16127	98	J	UJ	All
PCB-110/115	76047	37341	68	J	UJ	All
PCB-114	191U	402	NC	J	UJ	All
PCB-126	573	382U	NC	J	UJ	All

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Congener	LPX-SD-4004	LPX-SD-4004Dup	RPD	Action		Affected Samples
	% Solids (26.2%)	% Solids (26.2%)				
	Sample Conc. (ng/Kg)	Duplicate Conc. (ng/Kg)		Positive Detects	Non-Detects	
PCB-128/166	10390	6288	49	J	UJ	All
PCB-131	671	191U	NC	J	UJ	All
PCB-134/143	3622	2192	49	J	UJ	All
PCB-136	8823	4194	71	J	UJ	All
PCB-146/161	1765	3456	65	J	UJ	All
PCB-147/149	29267	19886	38	J	UJ	All
PCB-153/168	10748	21513	66	J	UJ	All
PCB-170	10837	3467	103	J	UJ	All
PCB-171/173	3289	1177	94	J	UJ	All
PCB-174	14489	3414	124	J	UJ	All
PCB-176	1285	445	97	J	UJ	All
PCB-177	5357	1767	101	J	UJ	All
PCB-178	1120	720	43	J	UJ	All
PCB-187	4836	3341	36	J	UJ	All
PCB-190	1219	688	56	J	UJ	All
PCB-194	1969	1375	36	J	UJ	All
PCB-195	1279	439	98	J	UJ	All
PCB-196	1681	1078	44	J	UJ	All
PCB-198/199	7422	4646	46	J	UJ	All
PCB-200	722	237	101	J	UJ	All

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NC RPD are not calculated when one concentration is non-detected.

Professional judgment was used to estimate (J, UJ) results for the above refcrenced congeners in all samplcs since the laboratory duplicate precision was outside criterion.

Internal/Clean-up Standards

- Internal Standards

The following table summarizes the internal standard recovery that did not meet Centredale Manor Tasks 19-22 QAPP (5/23/01) acceptance criterion of 25-150%:

Standard	% Recovery	Action		Affected Sample
		Positive Dctects	NDs	
$^{13}C_{12}$-PCB-209	11	J	UJ	LPX-SD-4001
$^{13}C_{12}$-PCB-155	19	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-167	23	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-208	14	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-205	22	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-206	20	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-209	5	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-208	18	J	UJ	LPX-SD-071601A
$^{13}C_{12}$-PCB-209	19	J	UJ	LPX-SD-071601A
$^{13}C_{12}$-PCB-1	24	J	UJ	RWR-SD-5003
$^{13}C_{12}$-PCB-155	15	J	UJ	RWR-SD-5003
$^{13}C_{12}$-PCB-188	17	J	UJ	RWR-SD-5003
$^{13}C_{12}$-PCB-167	24	J	UJ	RWR-SD-5003
$^{13}C_{12}$-PCB-208	14	J	UJ	RWR-SD-5003
$^{13}C_{12}$-PCB-205	21	J	UJ	RWR-SD-5003
$^{13}C_{12}$-PCB-206	18	J	UJ	RWR-SD-5003

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Standard	% Recovery	Action		Affected Sample
		Positive Detects	NDs	
$^{13}C_{12}$-PCB-209	5	J	UJ	RWR-SD-5003

The corresponding non-labeled congener results are estimated as shown in the table due to internal standard percent recoveries outside method acceptance criterion.

- Clean-up Standards

The following table summarizes the Clean-up standard with a recovery which did not meet the Centredale Manor Tasks 19-22 QAPP (5/23/01) acceptance criterion of 25-150%:

Clean-up Standard	% Recovery	Action		Affected Samples
		Positive Detects	NDs	
$^{13}C_{12}$-PCB-111	13	J	UJ	LPX-SD-4004
$^{13}C_{12}$-PCB-111	15	J	UJ	RWR-SD-5003

Since low recoveries may indicate interference in the Clean-up process, the sample was qualified as noted above for all congeners.

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.

Sample LPX-SD-4004-0000-01 had less than 30% solids, all positive results were estimated (J) and non-detects were rejected (R).

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

TE values were not calculated by the laboratory. 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. The validated data accounts for blank contamination and any necessary dilutions. The TE calculations include the reported EMPC values. The TEF values for the PCBs are published in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106, Number 12, December 1998, Table 1, page 778.

System Performance

No trends noted.

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April 5, 2002
B-02-04-Y-2
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Very truly yours,

LOCKHEED ENVIRONMENTAL

Janine Bartels
Principal Scientist

Louis Macri
ESAT Program Manager

cc: Cornell Rosiu, EPA RPM (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 Scores
Communication/Phone Logs
Field Sampling Notes

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Table I
Recommendation Summary Table for 209 PCB Congeners
Centredale Manor Site
Case No.: Sediment B1OF1/SDG No. 48985-01 PCB

Sample Nos.	LPX-SD-4001-0000-01	LPX-SD-4004-0000-01	LPX-SD-071601-A	RWR-SD-5003-0000-01
Compound				
PCB-1	A	J[8,9]	A	J[7,8]
PCB-3	A	J[8,9]	A	J[4,8]
PCB-4	A	J[8,9]	A	J[8]
PCB-5	A	R[1]	A	J[8]
PCB-6	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-7	A	J[8,9]	A	J[8]
PCB-8	A	J[8,9]	A	J[8]
PCB-9	A	J[8,9]	A	J[8]
PCB-10	A	J[8,9]	A	J[8]
PCB-12/PCB-13	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-16	A	J[8,9]	A	J[8]
PCB-17	A	J[8,9]	A	J[8]
PCB-18/PCB-30	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-19	A	J[8,9]	A	J[8]
PCB-20/PCB-21/PCB-28/PCB-33	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-22	A	J[8,9]	A	J[8]
PCB-24/PCB-27	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-25	A	J[8,9]	A	J[8]
PCB-26/PCB-29	J[3,6]	J[3,6,8,9]	J[3,6]	J[3,6,8]

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Table I
Recommendation Summary Table for 209 PCB Congeners
Centredale Manor Site
Case No.: Sediment B1OF1/SDG No. 48985-01 PCB

Sample Nos.	LPX-SD-4001-0000-01	LPX-SD-4004-0000-01	LPX-SD-071601-A	RWR-SD-5003-0000-01
Compound				
PCB-31	A	J[8,9]	A	J[8]
PCB-32	A	J[8,9]	A	J[8]
PCB-40/PCB-41/PCB-71	J[3,6]	J[3,6,8,9]	J[3,6]	J[3,6,8]
PCB-42	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-43/PCB-52/PCB-73	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-44/PCB-47/PCB-65	J[1,3,6]	J[1,3,6,8,9]	J[1,3,6]	J[1,3,6,8]
PCB-45/PCB-51	J[3,6]	J[3,6,8,9]	J[3,6]	J[3,6,8]
PCB-46	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-48	A	J[8,9]	A	J[8]
PCB-49/PCB-69	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-50/PCB-53	J[3,6]	J[3,6,8,9]	J[3,6]	J[3,6,8]
PCB-56	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-59/PCB-62/PCB-75	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-60	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-63	A	J[8,9]	A	J[8]
PCB-64	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-66	J[6]	J[6,8,9]	J[6]	J[6,8]
PCB-61/PCB-70/PCB-74/PCB-76	J[3,6]	J[3,6,8,9]	J[3,6]	J[3,6,8]
33'44'-TetraCB (#77)	A	J[8,9]	A	J[8]

Table I
Recommendation Summary Table for 209 PCB Congeners
Centredale Manor Site
Case No.: Sediment B1OF1/SDG No. 48985-01 PCB

Sample Nos.	LPX-SD-4001-0000-01	LPX-SD-4004-0000-01	LPX-SD-071601-A	RWR-SD-5003-0000-01
Compound				
344'5-TetraCB (#81)	A	R[1]	A	J[8]
PCB-82	J[6]	J[6,8,9]	J[2,6]	J[6,8]
PCB-83/PCB-99	J[3]	J[3,8,9]	J[2,3]	J[3,8]
PCB-84	J[6]	J[6,8,9]	J[2,6]	J[6,8]
PCB-85/PCB-116/PCB-117	J[3]	J[3,8,9]	J[2,3]	J[3,8]
PCB-86/PCB-87/PCB-97/PCB-109/PCB-119/PCB-125	J[1,3,6]	J[1,3,6,8,9]	J[1,2,3,6]	J[1,3,6,8]
PCB-89	A	R[1]	J[2]	J[8]
PCB-90/PCB-101/PCB-113	J[3]	J[3,8,9]	J[2,3]	J[3,8]
PCB-88/PCB-91	J[3,6]	J[3,6,8,9]	J[2,3,6]	J[3,6,8]
PCB-92	J[6]	J[6,8,9]	J[2,6]	J[6,8]
PCB-93/PCB-95/PCB-98/PCB-100/PCB-102	J[1,3,6]	J[1,3,6,8,9]	J[1,2,3,6]	J[1,3,6,8]
233'44'-PentaCB (#105)	A	J[8,9]	A	J[8]
PCB-108/PCB-124	J[3]	J[3,8,9]	J[2,3]	J[3,8]
PCB-110/PCB-115	J[3,6]	J[3,6,8,9]	J[2,3,6]	J[3,6,8]
2344'5-PentaCB (#114)	J[6]	R[1]	J[6]	J[6,8]
23'44'5-PentaCB (#118)	A	J[8,9]	A	J[8]
PCB-106/PCB-107/2'344'5-PentaCB (#123)	J[3]	J[3,8,9]	J[2,3]	J[3,8]
33'44'5-PentaCB (#126)	J[5,6]	J[5,6,8,9]	J[5,6]	J[5,6,8]

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Table I
Recommendation Summary Table for 209 PCB Congeners
Centredale Manor Site
Case No.: Sediment B1OF1/SDG No. 48985-01 PCB

Sample Nos.	LPX-SD-4001-0000-01	LPX-SD-4004-0000-01	LPX-SD-071601-A	RWR-SD-5003-0000-01
Compound				
PCB-128/PCB-166	J[3,6]	J[3,6,7,8,9]	J[3,6]	J[3,6,7,8]
PCB-129/PCB-138/PCB-160/PCB-163	J[3]	J[3,7,8,9]	J[3]	J[3,7,8]
PCB-130	A	J[7,8,9]	A	J[7,8]
PCB-131	J[5]	J[6,7,8,9]	J[6]	J[6,7,8]
PCB-132	A	J[7,8,9]	A	J[7,8]
PCB-134/PCB-143	J[3,6]	J[3,6,7,8,9]	J[3,6]	J[3,6,7,8]
PCB-135/PCB-151/PCB-154	J[3]	J[3,7,8,9]	J[3]	J[3,7,8]
PCB-136	J[6]	J[6,7,8,9]	J[6]	J[6,7,8]
PCB-137/PCB-164	J[3]	J[3,7,8,9]	J[3]	J[3,7,8]
PCB-141	A	J[7,8,9]	A	J[7,8]
PCB-144	A	R[1]	A	J[7,8]
PCB-146/PCB-161	J[3,6]	J[3,6,7,8,9]	J[3,6]	J[3,6,7,8]
PCB-147/PCB-149	J[3,6]	J[3,6,7,8,9]	J[3,6]	J[3,6,7,8]
PCB-153/PCB-168	J[3,6]	J[3,6,7,8,9]	J[3,6]	J[3,6,7,8]
233'44'5-HexaCB (#156)/233'44'5'-HexaCB (#157)	J[3]	J[3,8,9]	J[3]	J[3,8]
PCB-158	A	J[7,8,9]	A	J[7,8]
23'44'55'-HexaCB (#167)	J[5]	J[5,7,8,9]	J[5]	J[5,7,8]
33'44'55'-HexaCB (#169)	A	R[1]	A	J[8]
PCB-170	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]

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Table I
Recommendation Summary Table for 209 PCB Congeners
Centredale Manor Site
Case No.: Sediment B1OF1/SDG No. 48985-01 PCB

Sample Nos.	LPX-SD-4001-0000-01	LPX-SD-4004-0000-01	LPX-SD-071601-A	RWR-SD-5003-0000-01
Compound				
PCB-171/PCB-173	J[3,6]	J[3,6,8,9]	J[3,6]	J[2,3,6,7,8]
PCB-172	A	J[8,9]	A	J[2,7,8]
PCB-174	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]
PCB-175	A	R[1]	A	J[2,7,8]
PCB-176	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]
PCB-177	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]
PCB-178	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]
PCB-180/PCB-193	J[3]	J[3,8,9]	J[3]	J[2,3,7,8]
PCB-182	A	R[1]	A	J[2,7,8]
PCB-183	A	J[8,9]	A	J[2,7,8]
PCB-184	A	R[1]	A	J[2,7,8]
PCB-185	A	J[8,9]	A	J[2,7,8]
PCB-187	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]
233'44'55'-HeptaCB (#189)	A	J[8,9]	A	J[8]
PCB-190	J[6]	J[6,8,9]	J[6]	J[2,6,7,8]
PCB-191	A	J[8,9]	A	J[2,7,8]
PCB-194	J[6]	J[6,7,8,9]	J[6]	J[6,7,8]
PCB-195	J[6]	J[6,7,8,9]	J[6]	J[6,7,8]
PCB-196	J[6]	J[6,7,8,9]	J[6]	J[6,7,8]
PCB-197	A	J[7,8,9]	A	J[7,8]

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Table I
Recommendation Summary Table for 209 PCB Congeners
Centredale Manor Site
Case No.: Sediment B1OF1/SDG No. 48985-01 PCB

Sample Nos.	LPX-SD-4001-0000-01	LPX-SD-4004-0000-01	LPX-SD-071601-A	RWR-SD-5003-0000-01
Compound				
PCB-198/PCB-199	J[3,6]	J[3,6,7,8,9]	J[3,6]	J[3,6,7,8]
PCB-200	J[6]	J[6,7,8,9]	J[6]	J[6,7,8]
PCB-201	A	J[7,8,9]	A	J[7,8]
PCB-203	A	J[7,8,9]	A	J[7,8]
PCB-205	A	J[7,8,9]	A	J[7,8]
PCB-206	A	J[7,8,9]	A	J[7,8]
PCB-207	A	J[7,8,9]	J[7]	J[7,8]
PCB-209	J[7]	J[7,8,9]	J[7]	J[7,8]

Table I
Recommendation Summary Table for PCB Congeners

A	-	Accept all results.
J^1	-	PE %D outside criterion; J detects, UJ non-detects.
J^2	-	VER recoveries outside criterion; J detects, UJ non-detects.
J^3	-	Coeluting peaks; J detects., UJ non-detects
J^4	-	Method blank contamination; positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J^5	-	MS/MSD recoveries and/or RPDs outside criterion; J detects, UJ non-detects.
J^6	-	Laboratory duplicate precision outside criterion; J detects, UJ non-detects.
J^7	-	Internal standard recoveries outside criterion; J detects, UJ non-detects.
J^8	-	Clean-up standard recoveries outside criterion; J detects, UJ non-detects.
J^9	-	% solids less than 30%; J detects.
R^1	-	% solids less than 30%; R non-detects.

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EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

PCB 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 human health (HHRA) and ecological risk assessments (ERA) at the site.	Yes, Sampling Method appropriate for all samples Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: [illegible]	Refer to qualification in R/S Key on Table I: J*, R*	**	One National Institute of Standards & Technology (NIST) Standard Reference Material (SRM) sample was evaluated for this SDG (NIST 1944 for PCB congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of less than 30 %D from the consensus value except for PCB-44, PCB-86 and PCB-93. PCB-44, PCB-86, and PCB-93 had low recoveries, the results for these PCBs in all samples were estimated (J, UJ) due to the possibility of bias low results. The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the data. Contaminants were found in both the blanks and the field samples. When the analyte concentrations in the field samples were 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. Sample LPX-SD-4004-0000-01 had less than 30% solids, all positive results were estimated (J) and non-detects were rejected (R). Data validation indicated minor data quality problems which do not significantly impact the usability of the data. See the data validation memorandum for details. The reported results are usable for the site objectives.

* The evaluation of "sampling error" cannot be completely assessed in the data validation.

** Sampling variability is not assessed in data validation.

Validator: [signature]

Date: 4/15/02

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Data Summary Table
Polychlorinated Biphenyls Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. Sediments B1OF1
LABORATORY: BATTELLE

SDG No. 48985-01 PCB

SAMPLE NUMBER:	Toxicity	LPX-SD-4001-0000-01#		LPX-SD-4004-0000-01#		LPX-SD-071801-A#		RIVR-SD-5003-0000-01	
STATION LOCATION:	Equivalency	LYMANSVILLE POND		LYMANSVILLE POND		LYMANSVILLE POND		WOONASQUATUCKET R. UP-STREAM R	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
		ng/kg	DL/EMPC²	ng/kg	DL/EMPC²	ng/kg	DL/EMPC²	ng/kg	DL/EMPC²
PCB-1		1065.37		1068.33 J		100.76		31.50 J	
PCB-3		2371.14		2092.72 J		162.39		UJ	40.19
PCB-4		2133.37		1137.31 J		260.47		147.90 J	
PCB-5		251.53		R		U	13.60	UJ	7.16
PCB-6		235.21 J		1457.26 J		229.32 J		128.49 J	
PCB-7		570.80		240.90 J		58.41		UJ	7.16
PCB-8		11111.09		7315.68 J		881.18		668.32 J	
PCB-9		728.94		372.49 J		79.79		UJ	7.16
PCB-10		123.26		76.60 J		14.05		UJ	7.16
PCB-12/PCB-13		2276.60 J		1145.12 J		289.96 J		31.94 J	
PCB-16		6126.32		2703.18 J		1049.01		424.44 J	
PCB-17		6367.55		2568.99 J		1018.37		427.51 J	
PCB-18/PCB-30		4572.94 J		2595.08 J		1070.74 J		411.52 J	
PCB-19		1268.52		570.21 J		222.60		109.75 J	
PCB-20/PCB-21/PCB-28/PCB-33		37972.80 J		13964.24 J		5186.04 J		2146.40 J	
PCB-22		9626.37		4404.17 J		2058.18		659.20 J	
PCB-24/PCB-27		3897.96 J		1709.36 J		261.22 J		268.28 J	
PCB-25		1872.08		670.53 J		339.68		98.04 J	
PCB-26/PCB-29		4241.12 J		1275.64 J		913.74 J		231.46 J	
PCB-31		18044.23		6852.89 J		2828.84		1053.27 J	
PCB-32		3100.83		1818.62 J		343.09		192.92 J	
PCB-40/PCB-41/PCB-71		19781.39 J		20136.63 J		2462.01 J		1031.70 J	
PCB-42		9604.62 J		6246.93 J		1312.98 J		466.03 J	
PCB-43/PCB-52/PCB-73		847.86 J		24681.15 J		6209.68 J		6110.14 J	
PCB-44/PCB-47/PCB-65		53915.84 J		18152.80 J		4998.60 J		2387.07 J	
PCB-45/PCB-51		4445.02 J		2197.06 J		802.28 J		113.97 J	
PCB-46		1739.30 J		1071.79 J		268.54 J		89.71 J	
PCB-48		4955.09		1978.19 J		891.18		207.00 J	
PCB-49/PCB-69		20134.62 J		9418.80 J		2889.86 J		1328.52 J	
PCB-50/PCB-53		4513.00 J		2673.14 J		639.26 J		256.64 J	
PCB-56		12986.97 J		9649.62 J		1427.42 J		744.92 J	
PCB-59/PCB-62/PCB-75		2836.01 J		1224.61 J		417.36 J		108.30 J	
PCB-60		3697.13 J		414.77 J		592.26 J		101.32 J	
PCB-63		729.76		285.97 J		U	136.95	UJ	71.63
PCB-64		12598.84 J		8662.94 J		1818.61 J		768.43 J	
PCB-66		37842.02 J		24803.43 J		4241.85 J		2578.02 J	
PCB-67/PCB-70/PCB-74/PCB-76		53782.00 J		27018.60 J		9681.60 J		4686.20 J	
3,3',4,4'-TetraCB (#77)	0.0001	3622.77		1564.17 J		626.36		153.17 J	
3,4,4',5-TetraCB (#81)	0.0001	U	186.78	R		U	136.95	UJ	71.63
PCB-82		13038.13 J		8527.37 J		1486.44 J		2609.62 J	
PCB-83/PCB-99		36598.24 J		17520.30 J		4797.36 J		5781.03 J	
PCB-84		25484.87 J		20416.31 J		2366.22 J		5499.37 J	
PCB-85/PCB-116/PCB-117		12873.99 J		7247.70 J		1323.69 J		2639.20 J	
PCB-86/PCB-87/PCB-97/PCB-109/PCB-119/PCB-125		67079.64 J		40316.54 J		21342.36 J		12421.60 J	
PCB-89		U	186.78	R		33.72 J		UJ	71.63
PCB-90/PCB-101/PCB-113		73680.06 J		39072.60 J		9501.12 J		11820.64 J	
PCB-91/PCB-91		11013.22 J		7958.48 J		1071.04 J		2379.02 J	
PCB-92		14150.06 J		7866.87 J		1833.66 J		2295.68 J	
PCB-93/PCB-95/PCB-98/PCB-100/PCB-102		65583.93 J		47299.80 J		6738.60 J		14325.95 J	
2,3,3',4,4'-PentaCB (#105)	0.0001	21786.89		10583.17 J		3550.46		4165.01 J	
PCB-106/PCB-124		2918.30 J		1294.16 J		376.84 J		592.36 J	

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Data Summary Table
Polychlorinated Biphenyls Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. Sediments B1OF1 — SDG No. 46985-01 PCB
LABORATORY: BATTELLE

SAMPLE NUMBER:	Toxicity	LPX-SD-4001-0000-01N			LPX-SD-4004-0000-01N			LPX-SD-4004-0000-01N-AR			RIVR-SD-4000-0000-01		
STATION LOCATION:	Equivalency	LYMANSVILLE POND			LYMANSVILLE POND			LYMANSVILLE POND			WOONASQUATUCKET R. UP-STREAM R		
MATRIX:	Factors (1)	SEDIMENT			SEDIMENT			SEDIMENT			SEDIMENT		
		ng/kg		DL/EMPC*	ng/kg		DL/EMPC*	ng/kg		DL/EMPC*	ng/kg		DL/EMPC*
PCB-810/PCB-115		111686.02	J		76047.44	J		13580.18	J		25480.30	J	
2,3,4,4',5-PentaCB (#114)	0.0005	1134.93	J			R		188.46	J		192.21	J	
2,3',4,4',5-PentaCB (#118)	0.0001	80280.19			42480.10	J		11256.87			13335.34	J	
PCB-(08/PCB-107/2',3,4,4',5-PentaCB (#123)	0.0001	7419.76	J		3342.24	J		994.88	J		981.05	J	
3,3',4,4',5-PentaCB (#126)	0.1		U	333.57	573.22	J		161.64	J		216.85	J	
PCB-128/PCB-166		23359.14	J		10389.92	J		3402.44	J		4377.05	J	
PCB-129/PCB-138/PCB-160/PCB-163		108332.12	J		42097.32	J		16343.08	J		19174.95	J	
PCB-130		9760.06			3185.16	J		1467.47			1377.03	J	
PCB-131		1744.49	J		671.15	J		264.58	J		319.81	J	
PCB-132			U	166.78	2357.26	J		6850.91			8946.30	J	
PCB-134/PCB-143		7757.46	J		3621.50	J		1046.14	J		1288.98	J	
PCB-135/PCB-151/PCB-154		26201.89	J		11183.01	J		4579.95	J		4327.68	J	
PCB-136		15367.33	J		6822.95	J		2181.57	J		2956.60	J	
PCB-137/PCB-164		13710.46	J		4897.00	J		2174.04	J		2416.98	J	
PCB-141		13188.55			3665.10	J		2852.95			2246.39	J	
PCB-144			U	166.78		R			U	135.95		W	71.83
PCB-148/PCB-161		5308.46	J		1764.98	J		1554.10	J		1324.20	J	
PCB-147/PCB-149		68787.48	J		29267.36	J		10218.68	J		12137.72	J	
PCB-153/PCB-168		41478.24	J		10747.72	J		10116.32	J		5200.80	J	
2,3,3',4,4',5- HexaCB (#166)/2,3,3',4,4',5'-HexaCB (#157)	0.0005	9773.14	J		4042.12	J		1513.44	J		1938.48	J	
PCB-158			U	66.71	3060.42	J		1698.21			1655.12	J	
2,3',4,4',5,5'-HexaCB (#167)	0.00001	3690.98	J		1736.31	J		535.31	J		782.17	J	
3,3',4,4',5,5'-HexaCB (#169)	0.01		U	166.78		R			U	135.95		W	71.83
PCB-170		18283.10	J		10836.67	J		2475.76	J		3175.31	J	
PCB-171/PCB-173		5125.88	J		3288.52	J		771.26	J		983.36	J	
PCB-172		1272.93			813.03	J		336.86			252.72	J	
PCB-174		16213.44	J		14489.02	J		1168.31	J		3318.78	J	
PCB-175		403.53				R		78.99	J		80.80	J	
PCB-176		1991.10	J		1285.00	J		314.78	J		330.41	J	
PCB-177		7453.66	J		5365.86	J		1320.89	J		1448.69	J	
PCB-178		2163.01	J		1119.83	J		467.12	J		561.16	J	
PCB-183/PCB-193		13625.52	J		8714.78	J		3746.09	J		2144.44	J	
PCB-182			U	333.57		R			U	271.90		W	143.26
PCB-183		4627.92			2200.26	J		1017.78			624.65	J	
PCB-184			U	333.57		R		4.10	J			W	143.26
PCB-185		611.25			364.71	J			U	271.90	113.23	J	
PCB-187		8627.39	J		4836.56	J		2424.78	J		1135.68	J	
2,3,3',4,4',5,6-HeptaCB (#160)	0.0001	412.01			199.66	J		98.53	J		72.74	J	
PCB-190		2269.07	J		1219.34	J		432.13	J		351.09	J	
PCB-191		370.73			186.83	J		70.78	J		63.70	J	
PCB-194		3772.95	J		1988.78	J		1087.09	J		569.64	J	
PCB-195		1586.19	J		1278.61	J		381.99	J		224.35	J	
PCB-196		2886.12	J		1691.03	J		632.84	J		238.22	J	
PCB-197		64.32	J		60.91	J		17.12	J		11.84	J	
PCB-198/PCB-199		16078.26	J		7422.80	J		2632.28	J		1163.46	J	
PCB-200		581.61	J		721.81	J		207.41	J		104.86	J	
PCB-201		1070.47			449.89	J		161.40	J		72.98	J	
PCB-203		4956.09			1928.61	J		1020.53			383.62	J	
PCB-205		220.61	J		105.97	J		49.42	J		22.10	J	
PCB-206		22999.42			19160.11	J		3141.33			1731.54	J	
PCB-207		1700.85			805.63	J		477.57	J		183.36	J	
PCB-209		28498.80	J		11854.93	J		3157.37	J		1788.94	J	
TOTAL PCB		1415681.88	J		612949.40	J		236490.17	J		222855.98	J	
TOXIC EQUIVALENCY(1):				17	J		56	J		19	J		25
PERCENT SOLIDS:				30			26			37			70
DILUTION FACTOR:				1			1			1			1
DATE SAMPLED:				07/12/01			07/12/01			07/16/01			07/12/01
DATE OF RECEIPT:				07/14/01			07/14/01			07/21/01			07/14/01
SAMPLE EXTRACTION DATE:				07/23/01			07/23/01			07/24/01			07/23/01
ANALYSIS DATE:				07/31/01			07/31/01			08/03/01			08/01/01
LABORATORY SAMPLE I.D.:				46985-01-09			46985-01-11			46985-09-20			46985-01-03

* = 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 "". 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 "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 105, Number (12), December 1995, Table 1, page 778.
Concentration are reported on a dry weight basis.

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Section 1 Quality Assurance Review PCB Arochlor / Pest.

A. Organic Data

The organic analyses of 22 sediment samples (including QC samples) and 46 tissue samples (including QC samples) were performed by Battelle Laboratories (Battelle) of Duxbury, Massachusetts. The samples were collectively analyzed for select polynuclear aromatic hydrocarbons (PAH) by selective ion monitoring by Battelle Method SOP 5-157 and for pesticide/PCB compounds by Battelle Method SOP 5-128. These analyses are specified on Table 1. The laboratory organized the samples into three sample delivery groups (SDGs 01-373, 01-374, and 01-498).

The findings in this report are based upon a rigorous review of holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory control sample (LCS) recoveries, matrix spike (MS)/matrix spike duplicate (MSD) recoveries and precision, laboratory duplicate precision, surrogate recoveries, internal standard response, instrument sensitivity, field and laboratory duplicate precision, analytical sequence, and calibrations.

Overall, the organic data quality appears to be acceptable. The data reviewer has edited the QC forms based on the deficiencies and comments listed in this QC review. Analytical and reporting requirements defined in the QAPP were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the organic data qualifiers associated with the samples that underwent limited data validation are presented in the subsequent Organic Data Qualifiers section. These qualifiers should not be applied to any organic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Noncorrectable Deficiencies

1. High percent differences (>25%) were observed for many pesticide compounds in the associated continuing calibration verifications (CCVs). According to the QAPP (Worksheet #21), the laboratory should reanalyze the Check Standard Solution if any percent difference is greater than 25%. The laboratory did not reanalyze these CCVs and the impact on data usability due to the high percent difference is addressed in the subsequent Organic Data Qualifiers section. (1)

2. For the PAH fraction of SDG 01-373, the laboratory did not reextract the project samples that were associated with a method blank with reported results above the quantitation limits for several compounds. According to the QAPP (Worksheet #24a), if any results are

(1) Not relevant to sediment data packages.

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observed in the method blank above the quantitation limits, all associated samples must be reextracted. Qualification of data due to this issue is addressed in the subsequent Organic Data Qualifiers section. ①

3. For the pest/PCB fraction of SDG 01-498, the laboratory did not reanalyze the project samples that were associated with a pesticide LCS that used more than 10% of the target analytes with recoveries outside of QC performance criteria. According to the QAPP (Worksheet #24a), if less than 90% of the target analytes meet the QC performance criteria (40%-120%R), the samples must be reanalyzed. Qualification of data due to low LCS recoveries is addressed in the subsequent Organic Data Qualifiers section.

4. For the pesticide/PCB fraction of SDG 01-498, the laboratory quantitated several samples for pesticides using response factors generated from an initial calibration that was analyzed after the samples had been analyzed. According to the Battelle Duxbury Method 5-128 (Section 3.1), a valid multi-point initial calibration should be analyzed at the beginning of each set of continuous sample analyses. The laboratory did analyze an initial calibration at the beginning of the analytical sequence. The laboratory, however, indicated that due to the nature of the sample matrix, a loss of instrument sensitivity was observed in the associated pesticide CCV standards (See Non-Correctable Deficiency #1). The laboratory recalibrated the instrument (as required, due to the non-compliant CCV standards), but did not reanalyze the samples analyzed prior to the recalibration because the laboratory concluded that the sample matrix negatively impacted the instrument's column condition (as evidenced by the non-compliant pesticide CCV standards that followed the second initial calibration in the sequence). Battelle laboratory personnel indicated to the data reviewer that these sample analyses already represented reextractions and that the initial extractions and analyses exhibited similar matrix problems that impacted calibration stability. Reanalysis of project samples, therefore, was not warranted because similar conditions would likely be encountered. Based on an evaluation of both initial calibrations and all CCV standards in the analytical sequence, the laboratory determined that the second initial calibration was the "better" of the two calibrations. The results for all samples and standards in the analytical sequence were processed against the response factors generated from this calibration. Qualification of data due to loss of instrument sensitivity is addressed in the subsequent Organic Data Qualifiers section.

With respect to data usability, the principal areas of concern include blank contamination, calibration issues, MS/MSD and LCS results, laboratory and field duplicate imprecision, and quantitation of results below the project-required reporting limit. Based on a Tier II review of the data provided, the following organic data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

① Not relevant to sediment data packages. BL 3-1-02

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Organic Data Qualifiers

- Due to the trace-level presence of the following compounds in the associated method blanks, the reported positive results for the following compounds in the samples listed below should be considered "not-detected" and have been flagged "U" on the data tables. Furthermore, results that were reported below the sample-specific quantitation limit were replaced with the quantitation limit and the appropriate "U" qualifier. It should be noted that sample weights were taken into consideration when evaluating blank contamination.

Compound(s)	SDG	Sample(s) With Results Qualified as "Not-Detected" ("U")
benzo(g,h,i)perylene	01-373	APC-AE-4001-0000-01, APC-AE-4002-0000-01, APC-AE-4003-0000-01, APC-AE-4004-0000-01, APC-AE-4005-0000-01, APC-AE-4006-0000-01, APC-AE-4008-0000-01, APC-AE-4009-0000-01, APC-AE-4010-0000-01, LPX-AE-4001-0000-01, APC-AE-4007-0000-01, LPX-AE-4002-0000-01, LPX-AE-4003-0000-01, LPX-AE-4004-0000-01, LPX-AE-4005-0000-01, LPX-AE-4006-0000-01, LPX-AE-4007-0000-01, LPX-AE-4008-0000-01, LPX-AE-4009-0000-01, and LPX-AE-4010-0000-01
	01-374	APC-WS-4001-0000-01, APC-WS-4002-0000-01, APC-WS-4003-0000-01, APC-WS-4004-0000-01, APC-WS-4005-0000-01, APC-WS-4006-0000-01, APC-WS-4009-0000-01, APC-WS-4010-0000-01, LPX-WS-4003-0000-01, and LPX-WS-4005-0000-01
biphenyl	01-373	APC-AE-4006-0000-01, APC-AE-4007-0000-01, and APC-AE-4001-0000-01
benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene	01-373	APC-AE-4007-0000-01, APC-AE-4001-0000-01, APC-AE-4002-0000-01, APC-AE-4003-0000-01, APC-AE-4004-0000-01, APC-AE-4005-0000-01, APC-AE-4006-0000-01, APC-AE-4008-0000-01, APC-AE-4009-0000-01, APC-AE-4010-0000-01, LPX-AE-4001-0000-01, LPX-AE-4002-0000-01, LPX-AE-4003-0000-01, LPX-AE-4005-0000-01, LPX-AE-4006-0000-01, LPX-AE-4007-0000-01, LPX-AE-4008-0000-01, LPX-AE-4009-0000-01, and LPX-AE-4010-0000-01

① Not relevant to sediment data packages. BL 3-1-02

Compound(s)	SDG	Sample(s) With Results Qualified as "Not-Detected" ("U")
dibenzo(a,h)anthracene	01-373	LPX-AE-4001-0000-01, APC-AE-4007-0000-01, APC-AE-4001-0000-01, APC-AE-4002-0000-01, APC-AE-4003-0000-01, APC-AE-4004-0000-01, APC-AE-4005-0000-01, APC-AE-4006-0000-01, APC-AE-4009-0000-01, APC-AE-4010-0000-01, LPX-AE-4002-0000-01, LPX-AE-4005-0000-01, LPX-AE-4006-0000-01, and LPX-AE-4007-0000-01
fluoranthene	01-373	APC-AE-4001-0000-01
indeno(1,2,3-c,d)pyrene	01-373	LPX-AE-4001-0000-01, APC-AE-4007-0000-01, APC-AE-4001-0000-01, APC-AE-4002-0000-01, APC-AE-4003-0000-01, APC-AE-4004-0000-01, APC-AE-4005-0000-01, APC-AE-4006-0000-01, APC-AE-4008-0000-01, APC-AE-4009-0000-01, APC-AE-4010-0000-01, LPX-AE-4002-0000-01, LPX-AE-4003-0000-01, LPX-AE-4005-0000-01, LPX-AE-4006-0000-01, LPX-AE-4007-0000-01, LPX-AE-4008-0000-01, LPX-AE-4009-0000-01, and LPX-AE-4010-0000-01
pyrene	01-373	LPX-AE-4001-0000-01, APC-AE-4007-0000-01, APC-AE-4001-0000-01, APC-AE-4002-0000-01, APC-AE-4003-0000-01, APC-AE-4004-0000-01, APC-AE-4006-0000-01, APC-AE-4008-0000-01, APC-AE-4009-0000-01, APC-AE-4010-0000-01, LPX-AE-4003-0000-01, LPX-AE-4005-0000-01, LPX-AE-4006-0000-01, LPX-AE-4007-0000-01, LPX-AE-4008-0000-01, and LPX-AE-4010-0000-01

- The reported positive result for pyrene in SDG 01-374 sample APC-WS-4008-0000-01 should be considered estimated and has been flagged "J" on the data tables. Low recoveries (<40%) were observed for pyrene in the associated MS/MSD analyses.

- The quantitation limits for endrin aldehyde, heptachlor, heptachlor epoxide, and methyoxychlor in the all SDG 01-498 samples may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (<40%) were observed for these compounds in the associated LCS analyses.

- The quantitation limits for endrin aldehyde and heptachlor in SDG-01-498 sample RAB-SD-5008-0000-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for 4,4'-DDD; 4,4'-DDE; 4,4'-DDT; and dieldrin in SDG 01-498 sample RAB-SD-5008-0000-

① Not relevant to sediment data packages BL 3-1-02

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01 should be considered estimated and have been flagged "J" on the data tables. Low (<40%) recoveries and high RPDs (>30%) were observed for these compounds in the associated MS/MSD analyses.

- The reported positive result for 4,4′-DDT in SDG 01-498 sample LPX-SD-4011-0000-01 should be considered estimated and has been flagged "J" on the data tables. A high RPD (>30%) was observed for 4,4′-DDT in the associated laboratory duplicate analysis of the sample.

- The quantitation limits for the following pesticide compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for the following pesticide compounds in these samples should be considered estimated and have been flagged "J" on the data tables. High percent differences (>25%), coupled with decreases in instrument sensitivity, were observed for these compounds in the associated continuing calibration standards.

Compound(s)	SDG	Samples With Qualified Quantitation Limits "UJ" or Estimated Positive Results ("J")
All pesticides	01-498	GMP-SD-5007-0000-01 and RAB-SD-5008-0000-01
alpha-BHC; *gamma*-BHC, *delta*-BHC, heptachlor; heptachlor epoxide; *beta*-BHC; endosulfan I; dieldrin; endrin; endosufan II; 4,4′-DDD; 4,4′-DDT; and endrin ketone	01-498	APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4012-0000-01, LPX-SD-4013-0000-01, and GMP-SD-5002-0000-01
heptachlor, endrin aldehyde, and methoxychlor	01-498	RWR-SD-5003-0000-01, RWR-SD-5005-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, CMS-SD-4007-0000-01, LPX-SD-4004-0000-01, WRL-SD-4005-0000-01, LPX-SD-4001-0000-01, and LPX-SD-4002-0000-01
endrin; 4,4′-DDD; and endrin ketone	01-498	LPX-SD-4001-0000-01 and LPX-SD-4002-0000-01

- One field duplicate pair (SDG 01-498 sample LPX-SD-4013-0000-01 and its field duplicate, SDG 01-499 sample LPX-SD-071601-A) was analyzed for pesticide/PCB compounds only. Acceptable precision and sample representativeness were demonstrated by the correlation observed between the results in the field duplicate pair (*i.e.*, when both results were ≥ 3× the PRDL, the RPD was ≤ 50% or when one of the results was < 3× the PRDL, the difference between the results was ≤ 2× the PRDL) with the exception of the

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results for 4,4'-DDD; *alpha*-chlordane; *gamma*-chlordane; Aroclor-1254; and Aroclor-1268. The quantitation limits for these pesticides in the field duplicate pair may be higher than reported, and the "not-diluted" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these pesticides in the field duplicate pair should be considered estimated and have been flagged "J" on the data tables. A complete comparison of the quantitatively confident positive results in the field duplicate pair has been included in Section 3.

- Based on the project-specific reporting requirements, all reported positive results with concentrations between the laboratory method detection limit and the project reporting limit should be considered estimated and have been flagged "J" on the data tables.

Complete support documentation for this organic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

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B. Conclusions

Overall, the data quality is acceptable. Based on this QA review, several PAH results were qualified as "not-detected" due to blank contamination. In addition, several PAH and pesticide/PCB results were qualified as estimated due to calibration issues, MS/MSD and LCS results, laboratory and field duplicate imprecision, and quantitation of results below the project-required reporting limit. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives, Chain-of-Custody Records, and Project Correspondence are presented in Sections 4, 5, and 6, respectively.

Report prepared by:

Glenn S. Esler
Quality Assurance Chemist

Report reviewed by:

Stephen T. Zeiner, CEAC, CPC
Senior Quality Assurance Chemist III

Report reviewed and approved by:

Kyle R. Clay
Senior Quality Assurance Chemist I/
Project Manager

Report reviewed and approved by:

David R. Blye, CEAC
Quality Assurance Specialist/
Principal

Date: 1-29-02

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

(610) 935-5577

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Section 1 Quality Assurance Review PCB Aroclor / Pest PAH

A. Organic Data

The organic analyses of 15 soil samples (including QC samples) and one sediment sample were performed by Battelle Laboratories of Duxbury, Massachusetts. The samples were analyzed for polyaromatic hydrocarbon (PAH) compounds by Battelle Method SOP 5-157-06 and for pesticide/PCB compounds by Battelle Method SOP 5-128-05. These analyses are specified on Table 1. The laboratory organized the samples into sample delivery group (SDG) 01-499.

The findings in this report are based upon a US EPA Region I Tier II (Tier II) review of holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory control sample (LCS) recoveries, matrix spike (MS)/matrix spike duplicate (MSD) recoveries and precision, surrogate recoveries, internal standard response, instrument sensitivity, field and laboratory duplicate precision, analytical sequence, and calibrations.

Overall, the organic data quality appears to fair. The data reviewer has edited the QC forms based on the deficiencies and comments listed in this QA review. Analytical and reporting requirements defined in the QAPP were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the organic data qualifiers associated with the samples that underwent limited data validation are presented in the subsequent Organic Data Qualifiers section. These qualifiers should not be applied to any organic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Noncorrectable Deficiencies

1. For the PAH fraction, high levels of benzaldehyde (greater than the quantitation limit) were observed in the method blank samples, and the benzaldehyde result in an associated project sample was less than 10-times the blank level. According to the QAPP (Worksheet #24a), the laboratory should have reextracted and/or reanalyzed the samples. The laboratory did not reextract and/or reanalyze the samples. The impact on data usability due to the blank contamination is addressed in the subsequent Organic Data Qualifiers section.

2. For the PAH fraction, low surrogate recoveries (<40%) were observed for naphthalene-d_8, phenanthrene-d_{10}, and chrysene-d_{12} in method blank ZJ49PB, analyzed on 10/10/01. According to the QAPP (Worksheet #24a), the laboratory should reextract and reanalyze the sample if any surrogate fails the specified limits. The laboratory did not reanalyze the method blank. The Environmental Standards data reviewer used the method blank results as reported to evaluate sample results. Data were not qualified due to this deficiency because all associated project samples had surrogates within the specified limits.

not relevant to sediment data Repeat. DTDahlen 4/23/02

3. For the PAH fraction, the laboratory did not reanalyze the project samples associated with the PAH MS/MSD analyses in which more than 10% of the target analytes had recoveries outside of QC performance criteria. According to the QAPP, if less than 90% of the target analytes meet the QC performance criteria (40%-120%R), the samples must be reanalyzed. Qualification of data due to this issue is addressed in the subsequent Organic Data Qualifiers section. MS/MSD QC results met criteria. All but 2 exceedences were due to high background. DTDahlen 4/23/02

4. For the pesticide/PCB fraction of all SDGs, the laboratory quantitated several samples for pesticides using response factors generated from an initial calibration that was analyzed after the samples had been analyzed. According to the Battelle Duxbury Method 5-128 (Section 3.1), a valid multi-point initial calibration should be analyzed at the beginning of each set of continuous sample analyses. The laboratory did analyze an initial calibration at the beginning of the analytical sequence. The laboratory, however, indicated that due to the nature of the sample matrix, a loss of instrument sensitivity was observed in the associated pesticide CCV standards. The laboratory recalibrated the instrument (as required, due to the non-compliant CCV standards), but did not reanalyze the samples analyzed prior to the recalibration because the laboratory concluded that the sample matrix negatively impacted the instrument's column condition (as evidenced by the non-compliant pesticide CCV standards that followed the second initial calibration in the sequence). Battelle laboratory personnel indicated to the data reviewer that these sample analyses already represented reextractions and that the initial extractions and analyses exhibited similar matrix problems that impacted calibration stability. Reanalysis of project samples, therefore, was not warranted because similar conditions would likely be encountered. Based on an evaluation of both initial calibrations and all CCV standards in the analytical sequence, the laboratory determined that the second initial calibration was the "better" of the two calibrations. The results for all samples and standards in the analytical sequence were processed against the response factors generated from this calibration.

Comments

1. In the Case Narrative for SDG 01-499, the laboratory did not cite data package page numbers for references to issues addressed in the Case Narrative. Upon request, the laboratory provided a revised Case Narrative that included the page numbers for reference. Data were not qualified due to this issue.

2. The results for several PAH compounds in all SDG 01-499 samples, except samples LPX-FP-4004-0000-01 and LPX-FP-4006-0000-01, were reported from dilutions due to high levels of target compounds in the original analysis. (1)

3. For the PAH fraction, the MS/MSD samples and LCS were not spiked with benzaldehyde. The Environmental Standards data reviewer could not evaluate the accuracy and precision of the analytical methods for benzaldehyde in this SDG. (1)

(1) not relevant to sediment data report. DTDahlen 4/23/02

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4. Sample LPX-SD-071601-A is the field duplicate of SDG 01-498 sample LPX-SD-4013-0000-01. SDG 01-498 sample LPX-SD-4013-0000-01 was not analyzed for PAH compounds; therefore, the data reviewer could not evaluate the PAH precision of the analytical method relative to the field duplicate pair. LPX-SD-4013-0000-01 was analyzed for PAHs w/ SDG 01-364. Precision between replicates discussed in QA/QC narrative. DTDahlen 4/23/02

5. For the pesticide/PCB fraction, sample LPX-SD-071601-A is the field duplicate of SDG 01-498 sample LPX-SD-4013-0000-01. SDG 01-498 sample LPX-SD-4013-0000-01 is reported as part of the QA report issued January 28, 2002.

6. According to the Sample Custody Corrective Action Form, the sample container for SDG 01-499 sample LPX-SD-071601-A was cracked upon laboratory receipt. The laboratory determined that the sample had not been compromised and subsequently analyzed the sample. Data were not qualified due to this issue.

7. According to the Sample Custody Corrective Action Form, sample RWR-FP-5002-0000-01 was not listed on the Chain-of-Custody form. The laboratory received this sample and listed sample RWR-FP-5002-0000-01 in the comment section on the Chain-of-Custody form. Data were not qualified due to this issue.

With respect to data usability, the principal areas of concern include blank contamination, low MS/MSD recoveries, MS/MSD imprecision, laboratory duplicate imprecision, high surrogate recoveries, field duplicate imprecision, and results below the project-required quantitation limit (PRQL). Based on a rigorous review of the data provided, the following organic data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Organic Data Qualifiers

- Due to the presence of benzaldehyde in the associated method blank, the reported positive result for benzaldehyde in SDG 01-499 sample LPX-FP-4004-0000-01 should be considered "not-detected" and has been flagged "U" on the data tables. It should be noted that sample volumes and dilution factors were taken into consideration when evaluating blank contamination. ①

- The reported positive results for 2-methylnaphthalene; acenaphthene; acenaphthylene; dibenz[a,h]anthracene; fluorene, and naphthalene in SDG 01-499 sample RWR-FP-5002-0000-01 should be considered estimated and have been flagged "J" on the data tables. Very low (<10%) recoveries were observed for these compounds in the associated MS/MSD analyses.

① Not relevant to sediment data packages. BL 3-1-02

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- The reported positive results for 2-methylnaphthalene; acenaphthene; acenaphthylene; dibenz[a,h]anthracene; fluorene, and naphthelene in SDG 01-499 sample RWR-FP-5002-0000-01 should be considered estimated and have been flagged "J" on the data tables. High relative percent differences (RPDs >30%) were observed for these compounds in the associated MS/MSD analyses.

- The reported positive results for all PAH compounds in SDG 01-499 sample LPX-FP-4004-0000-01 should be considered estimated and have been flagged "J" on the data tables (unless previously flagged "U"). High RPDs (>30%) were observed for these compounds in associated laboratory duplicate analyses.

- The reported positive results for 4,4′-DDD; 4,4′-DDE; *alpha*-chlordane; dieldrin; and endosulfan sulfate in SDG 01-499 sample RWR-FP-5002-0000-01 should be considered estimated and have been flagged "J" on the data tables. Low (<60%) recoveries were observed for these compounds in the associated MS/MSD analyses.

- The quantitation limits for 4,4′-DDD; 4,4′-DDE; 4,4′-DDT; *alpha*-chlordane; dieldrin; endosulfan I; endosulfan sulfate; and *gamma*-chlordane in SDG 01-499 sample RWR-FP-5002-0000-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in SDG 01-499 sample RWR-FP-5002-0000-01 should be considered estimated and have been flagged "J" on the data tables. High RPDs (>30%) were observed for these compounds in the associated MS/MSD analyses.

- The reported positive results for 4,4′-DDT; 4,4′-DDE; 4,4′-DDD; *alpha*-chlordane; dieldrin; endosulfan sulfate; technical chlordane; Aroclor-1254; and Aroclor-1268 in SDG 01-499 sample LPX-FP-4004-0000-01 should be considered estimated and have been flagged "J" on the data tables. High RPDs (>30%) were observed for these compounds in associated laboratory duplicate analyses.

- The reported positive results for all pesticide/PCB compounds in SDG 01-499 samples LPX-FP-4006-0000-01 and RWR-FP-5004-0000-01 should be considered estimated and have been flagged "J" on the data tables. High recoveries (>125%) were observed for one of the surrogate compounds in these samples.

- Two field duplicate pairs (SDG 01-499 sample CMS-FP-4001-0000-01 and its field duplicate, SDG 01-499 sample CMS-DUP-072001 and SDG 01-498 sample LPX-SD-4013-0000-01 and its field duplicate, SDG 01-499 sample LPX-SD-071601-A) were submitted to the laboratory with this data set. SDG 01-498 sample LPX-SD-4013-0000-01 was evaluated in a separate QA review. Acceptable precision and sample representativeness were demonstrated by the correlation observed between the results in the field duplicate pair (*i.e.*, when both results were ≥ 5× the PRQL, the RPD was ≤50% or when one of the results was < 5× the PRQL, the difference between the results was ≤3× the PRQL) with the exception of the results for the following compounds in the samples listed below. Complete comparisons of the quantitatively confident positive results in the field duplicate pairs have been included in Section 3.

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Compound(s)	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") and/or Estimated Positive Results ("J")
4,4'-DDE; 4,4'DDT; dieldrin; technical chlordane; biphenyl; acenaphthene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(g,h,i)perylene; chrysene; benzo(k)fluoranthene; dibenz(a,h)anthracene; fluorene; indeno(1,2,3-cd)pyrene; pyrene; and total PAHs	01-499	CMS-FP-4001-0000-01 and CMS-DU-072001 ①
4,4'-DDD; *alpha*-chlordane; *gamma*-chlordane; Aroclor-1254; Aroclor-1268; and Total Aroclor	01-499	LPX-SD-071601-A

- Based on the project-specific reporting requirements, all reported positive results with concentrations between the laboratory method detection limit and the PRQL should be considered estimated and have been flagged "J" on the data tables.

Complete support documentation for this organic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

~~B. Inorganic Data~~

The inorganic analyses of 26 aqueous samples (including QC samples) were performed by Battelle/Marine Sciences Laboratory (Battelle-MSL) of Sequim, Washington. The samples were collectively analyzed for vanadium, chromium, manganese, and iron by Battelle-MSL Method MSL-I-027-03; for beryllium, aluminum, cobalt, nickel, copper, zinc, arsenic, molybdenum, silver, cadmium, antimony, barium, thallium, lead, and hardness by Battelle-MSL Method MSL-I-022-04; for selenium by Battelle-MSL Method MSL-I-030; and for total mercury by Battelle-MSL Method MSL-I-013-02. These analyses are specified on Table 1. The laboratory organized the samples into SDG 1678. ①

The findings in this report are based upon a Tier II review of sample holding times, condition of samples upon laboratory receipt, blank analysis results, MS/MSD recoveries and precision, laboratory/field duplicate precision, blank spike/LCS recoveries, instrument sensitivity, method detection limits (MDLs), calibrations, sample preparation, a critical review of raw data, and the quantitation of positive results.

Overall, the inorganic data quality appears to be good. The data reviewer has edited the QC forms based on the deficiencies and comments listed in this QA review. Analytical and reporting requirements defined in the QAPP were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the

① Not relevant to sediment data packages. BL 3-1-02

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inorganic data qualifiers associated with the samples that underwent limited data validation are presented in the subsequent Inorganic Data Qualifiers Section. These qualifiers should not be applied to any inorganic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Correctable Deficiency

- The laboratory reported the copper concentration in the dissolved procedural blank as "0.119µg/l" and the cobalt concentration in the TRM procedural blank as "0.0170µg/l". The correct concentrations are 0.115µg/L and 0.002921µg/L, respectively.

Noncorrectable Deficiency

- The laboratory did not analyze a continuing calibration verification (CCV) standard every 10 analyses for the ICPMS and mercury methods. According to the QAPP (Worksheet #21), the laboratory should analyze a CCV every 10 analyses. Data were not qualified due to this deficiency because all other QC samples were within specifications.

Comments

1. The laboratory did not consistently blank correct all standards in the mercury initial calibrations performed on 8/02/01 and 8/03/01. The laboratory did not blank correct the 0.1-ng concentration standard in these initial calibrations. The blank correction was minimal and, therefore, did not impact the overall %RSD for the calibration.

2. Blank summary forms and ICV/CCV summary forms for the metals analyses were not included in the submitted data package. Upon Environmental Standards' request, the laboratory provided these deliverables.

3. The laboratory reported all observed detections as positive results. Battelle project management indicated to the Environmental Standards that this reporting convention was consistent with project requirements. US EPA reporting conventions typically dictate that results with concentrations less than the method detection limit (MDL) or the IDL are reported as "not-detected" results. As part of this Tier II review, the Environmental Standards data reviewer did not alter the laboratory-reported results. The impact of this reporting issue on data quality is addressed in the Inorganic and Wet Chemistry Data Qualifiers section.

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With respect to data usability, the principal areas of concern are blank contamination, negative instrument bias, dissolved and total recoverable metals results comparison, field duplicate imprecision, and results below the project-required detection limit. Based on a rigorous review of the data provided, the following inorganic data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Inorganic Data Qualifiers

- Due to the trace-level presence of the following analytes in the associated initial calibration blank, continuing calibration blank, and/or preparation blank analyses, the reported positive results for the following analytes in the samples listed below should be considered "not-detected" and have been flagged "U" on the data tables. Furthermore, results that were reported below the sample-specific detection limit were replaced with the detection limit and the appropriate "U" qualifier. It should be noted that sample weights, volumes, and dilution factors were taken into consideration when evaluating blank contamination.

Analyte	Sample(s) With Results Qualified as "Not-Detected" ("U")
antimony	WRC-SW-4001-01(Dissolved), RAB-SW-5004-01(TRM), RWR-SW-5001-01(Dissolved), and RAB-SW-5004-01(Dissolved)
chromium	All samples except WRC-SW-4004-01(TRM)
copper	RAB-SW-5004-01(Dissolved)
silver	All samples
selenium	All samples except RWR-SW-5002-01(TRM) and RAB-SW-5004-01(TRM)
zinc	RAB-SW-5004-01(Dissolved)

- The detection limits for vanadium in all samples may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for vanadium should be considered estimated and have been flagged "J" on the data tables. Significant negative instrument bias (absolute value of concentration > twice the IDL) was observed for vanadium in the associated initial calibration blank, continuing calibration blank, and/or preparation blank analyses.

- The following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. A comparison of the total recoverable metals (TRM) results and dissolved metals results revealed dissolved metals (dissolved) results that were significantly greater than the total metals results for these analytes. Large differences (> the detection limit) were observed for these analytes between the TRM and dissolved samples results. Complete comparisons of the quantitatively confident positive results have been included in Section 4.

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Sample	Analyte	TRM Concentration	Dissolved Concentration	MDL
WRC-SW-4002-01	aluminum	69.2 µg/L	95.8 µg/L	10 µg/L
WRL-SW-4004-01	thallium	0.00722 µg/L	0.02290 µg/L	0.0040 µg/L
WRL-DU-071701-A	thallium	0.00601 µg/L	0.02000 µg/L	0.0040 µg/L
WRL-SW-4005-01	thallium	0.00678 µg/L	0.02280 µg/L	0.0040 µg/L

- Two field duplicate pairs [sample WRL-SW-4004-01(TRM) and its field duplicate, sample WRL-DU-071701-A(TRM) and sample WRL-SW-4004-01(Dissolved) and its field duplicate, sample WRL-DU-071701-A(Dissolved)] were submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by the reported positive results in these field QC samples with the following exception. The reported positive results for antimony in samples WRL-SW-4004-01(TRM) and WRL-DU-071701-A(TRM) should be considered estimated and have been flagged "J" on the data tables. A high relative percent difference (>20%) was observed for antimony in the associated field duplicate analyses. Complete comparisons of the reported positive results have been included in Section 4.

- Based on standard project reporting requirements, all positive results reported with concentrations between the laboratory's associated MDLs and detection limits have been flagged "J" (unless flagged "U") on the data tables.

Complete support documentation for this inorganic QA review is presented in Section 4 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

① Not relevant to sediment data packages BL 3-1-02

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C. Conclusions

Overall, the data quality is fair. Based on this QA review, several results were qualified as "not-detected" due to blank contamination and as estimated due to low MS/MSD recoveries, MS/MSD imprecision, laboratory duplicate imprecision, high surrogate recoveries, field duplicate imprecision, and results below the project-required quantitation limit. Several inorganic results were qualified as "not-detected" due to blank contamination and as estimated due to negative instrument bias, dissolved and total recoverable metals results comparison, field duplicate imprecision, and results below the project-required detection limits. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives and Chain-of-Custody Records are presented in Sections 5 and 6, respectively.

Report prepared by:

Steven J Lennon
Quality Assurance Chemist

Report prepared by:

Glenn S. Esler
Quality Assurance Chemist

Report reviewed and approved by:

Kyle R. Clay
Senior Quality Assurance Chemist I/
Project Manager

Report reviewed and approved by:

Rock J. Vitale, CEAC, CPC
Technical Director of Chemistry/
Principal

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

(610) 935-5577

Date: 2/12/02

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Section 1 Quality Assurance Review

PAH

A. Organic Data

The organic analyses of 15 aqueous samples (including QC samples), 11 sediment samples (including QC samples), and 23 tissue samples (including QC samples) were performed by Battelle Laboratories of Duxbury, Massachusetts. The samples were collectively analyzed for polyaromatic hydrocarbon (PAH) compounds by Battelle Standard Operating Procedure (SOP) 5-157 and for pesticide and PCB compounds by Battelle SOP 5-128. These analyses are specified on Table 1. The laboratory organized the samples into the three sample delivery groups (SDGs 01-350, 01-364, and 01-373).

The findings in this report are based upon a rigorous review of holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory control sample (LCS) recoveries, matrix spike (MS)/matrix spike duplicate (MSD) recoveries and precision, surrogate recoveries, internal standard response, instrument sensitivity, analytical sequence, gas chromatography/mass spectroscopy (GC/MS) decafluorotriphenylphosphine (DFTPP) instrument performance checks, calibrations, overall system performance, laboratory duplicate precision, field duplicate precision, and quantitation of positive results.

Overall, the organic data quality appears to be good. The data reviewer has edited the QC forms based on the deficiencies and comments listed in this QC review. Analytical and reporting requirements specified in the QAPP were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the organic data qualifiers associated with the samples that underwent data validation are presented in the subsequent Organic Data Qualifiers section. These qualifiers should not be applied to any organic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Correctable Deficiencies

1. In the PAH fraction, the laboratory reported ~~an extraction~~ ① date of "19-Jul-01" for SDG 01-350 sample RB-071001 ~~on the~~ Field Sample Data summary form. The correct extraction date ~~for this~~ sample is 7/17/01.

2. In the PAH fraction, the laboratory reported a collection date of "06-Jul-01" for SDG 01-364 sample APB-SD-4008-0000-01 on the Field Sample Data summary form. The correct collection date for this sample is 7/9/01.

① Not relevant to sediment data packages. BL 2-28-02

Noncorrectable Deficiencies

1. In SDG 01-350, high levels of naphthalene (greater than the quantitation limit) were observed in the method blank samples and naphthalene results in the associated project samples were less than 10-times the blank level. According to the QAPP (Worksheet #24a), the laboratory should have reextracted and/or reanalyzed the samples. The laboratory did not reextract and/or reanalyze the samples. The impact on data usability due to the blank contamination is addressed in the subsequent Organic Data Qualifiers section. ①

2. In SDG 01-350, samples 90-002 and PR582 were received at the laboratory with a cooler temperature of 22.6°C. According to the QAPP (Worksheet #22a), the cooler temperature should be less than 6°C. The impact on data usability due to the elevated temperature is addressed in the subsequent Organic Data Qualifiers section.

3. In SDG 01-350, high percent differences (%Ds) were observed for endosulfan I and endrin aldehyde in the Pest/PCB continuing calibration standards analyzed on 8/27/01 and 8/28/01. According to the QAPP (Worksheet #21), the continuing calibration %D for each compound must be ≤25% or the standards must be reanalyzed or the system recalibrated. The laboratory did not reanalyze the standards or recalibrate the system. The impact on data usability due to the high %Ds is addressed in the subsequent Organic Data Qualifiers section.

4. In the method detection limit (MDL) determination for PAH compounds in SDGs 01-350 and 01-364, the laboratory reported replicate concentrations less than the proposed MDL. According to the Federal Register (40 CFR, Part 136, Appendix B), the laboratory should not report an MDL value if the level of analyte is below the MDL in one or more replicates. The MDL study is not considered valid because the calculated MDL may not reflect method variance at lower analyte concentrations. The actual MDLs for PAH compounds are lower than the laboratory reporting limits; therefore, data were not qualified due to this deficiency.

5. In the method detection limit (MDL) determination for Pest/PCB compounds in SDGs 01-350 and 01-373, the laboratory reported replicate concentrations greater than 10-times the proposed MDL. According to the Federal Register (40 CFR, Part 136, Appendix B), the laboratory should not report an MDL value if the level of analyte exceeds 10-times the MDL in one or more replicates. The MDL study is not considered valid because the calculated MDL may not reflect method variance at lower analyte concentrations. The actual MDLs for Pest/PCB compounds are lower than the laboratory reporting limits; therefore, data were not qualified due to this deficiency. ①

① Not relevant to sediment data packages. BL 2-28-02

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6. In SDG 01-373, high %Ds were observed for one or more Pest/PCB compounds in the initial and continuing calibration standards analyzed on 9/11/01, 9/12/01, 9/13/01, and 9/16/01. According to the QAPP (Worksheet #21), the %D for each compound must be ≤25% or the standards must be reanalyzed or the system recalibrated. The laboratory did not reanalyze the standards or recalibrate the system. The impact on data usability due to the high %Ds is addressed in the subsequent Organic Data Qualifiers section. ①

Comments

1. In SDG 01-350, the MS/MSD samples were inadvertently not spiked with PAH or Pest/PCB compounds. As a result, the data reviewer could not evaluate the accuracy and precision of the analytical methods relative to the specific sample matrix for this SDG. The associated LCS results were within the acceptance limits. Data were not qualified due to this issue. ①

2. In SDG 01-373, surrogate recoveries outside of the acceptance limits (40-125%) were observed in several samples. In the Pest/PCB QA/QC Summary, the laboratory attributed the low recoveries to the extensive sample processing required due to high lipid content. In addition, the laboratory stated that samples with both surrogate recoveries outside of the acceptance limits would be reextracted. Samples APC-AE-4001-0000-01, APC-AE-4006-0000-01, and LPX-AE-4010-0000-01 had both surrogates outside of the acceptance limits and were not reextracted. The impact on data usability due to the surrogate results is addressed in the subsequent Organic Data Qualifiers section.

With respect to data usability, the principal areas of concern are blank contamination, elevated sample temperatures, high continuing calibration %Ds, high and low MS/MSD recoveries, very low percent solids results, a low LCS recovery, high and low surrogate recoveries, and quantitation of results below the project-required reporting limit. Based on a rigorous review of the data provided, the following organic data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

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Organic Data Qualifiers

- Due to the trace-level presence of PAH compounds in the associated laboratory and/or field blanks, the reported positive results for PAH compounds in SDG 01-350 samples RAB-SW-5004, WRC-SW-4003-01, WRC-SW-4004-01, WRC-SW-4001-01, WRC-SW-4002-02, RWR-SW-5001, RWR-SW-5002, WRL-SW-4004, WRL-DU-071701-A, and WRL-SW-4005, with the exception of the results for acenaphthylene in samples WRL-SW-4004, WRL-DU-071701-A, and WRL-SW-4005, should be considered "not-detected" and have been flagged "U" on the data tables. In addition, reported results below the sample-specific quantitation limits have been replaced with the quantitation limit and the appropriate "U" qualifier. It should be noted that sample volumes and dilution factors were taken into consideration when evaluating blank contamination.

- Due to the trace-level presence of biphenyl and 2-methylnaphthalene in the associated method blank, the reported positive results for these compounds in SDG 01-350 sample 90-002 should be considered "not-detected" and have been flagged "U" on the data tables. In addition, reported results below the sample-specific quantitation limits have been replaced with the quantitation limit and the appropriate "U" qualifier. It should be noted that sample volumes and dilution factors were taken into consideration when evaluating blank contamination.

- The quantitation limits for PAH compounds in SDG 01-350 sample 90-002 and for Pest/PCB compounds in SDG 01-350 sample PR582 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for PAH or Pest/PCB compounds in these samples should be considered estimated and have been flagged "J" (unless previously flagged "U") on the data tables. The temperature of these samples upon receipt at the laboratory (22.6°C) was above the acceptance limit (<6°C).

- The quantitation limits for endosulfan I and endrin aldehyde in SDG 01-350 samples RAB-SW-5004, RWR-SW-5001, RWR-SW-5002, WRL-SW-4004, WRL-DU-071701-A, and WRL-SW-4005 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. High %Ds (>25%) were observed for these compounds in the associated continuing calibration standards.

- The reported positive result for acenaphthene in SDG 01-364 sample RAB-SD-5008-0000-01 should be considered estimated and has been flagged "J" on the data tables. High recoveries (>120%) were observed for this compound in the associated MS/MSD analyses.

- The reported positive results for PAH compounds in SDG 01-364 samples LPX-SD-4011-0000-01, GMP-SD-5007-0000-01, APB-SD-4008-0000-01, and LPX-SD-4013-0000-01 should be considered estimated and have been flagged "J" on the data tables. Very low percent solids results (<30%) were obtained for these sediment samples.

Note - samples were analyzed by GC/MS SIM - a more sensitive technique even for low solids content samples.
DDahlen
4/23/02

① Not relevant to sediment data packages.

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- The quantitation limits for the compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High %Ds (>25%) were observed for these compounds in the associated continuing calibration standards. ①

Compound(s)	SDG	Samples With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
alpha-BHC, dieldrin, and endrin	01-373	APC-AE-4001-0000-01 and APC-AE-4002-0000-01
methoxychlor	01-373	APC-AE-4001-0000-01, APC-AE-4002-0000-01, APC-AE-4003-0000-01, APC-AE-4004-0000-01, APC-AE-4005-0000-01, APC-AE-4006-0000-01, APC-AE-4007-0000-01, APC-AE-4008-0000-01, and APC-AE-4009-0000-01
gamma-BHC, *delta*-BHC, heptachlor, dieldrin, and endrin aldehyde	01-373	LPX-AE-4008-0000-01, LPX-AE-4009-0000-01, and LPX-AE-4010-0000-01

- The quantitation limits for aldrin, *alpha*-BHC, *beta*-BHC, *delta*-BHC, endosulfan I, endosulfan II, endrin, endrin aldehyde, endrin ketone, heptachlor, and methoxychlor in SDG 01-373 sample LPX-AE-4001-0000-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for *gamma*-BHC; 4,4'-DDD; dieldrin; *gamma*-chlordane; and heptachlor epoxide in this sample should be considered estimated and have been flagged "J" on the data tables. Low recoveries (<40%) were observed for these compounds in the associated MS/MSD analyses. In addition, high RPDs (>30%) were observed for 4,4'-DDD and dieldrin in the associated MS/MSD analyses.

- The quantitation limits for endrin aldehyde in all SDG 01-373 samples may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. A low recovery (<40%) was observed for this compound in the associated LCS analysis.

- The quantitation limits for Pest/PCB compounds in SDG 01-373 samples APC-AE-4001-0000-01, APC-AE-4002-0000-01, and APC-AE-4006-0000-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for Pest/PCB compounds in these samples should be considered estimated and have been flagged "J" on the data tables. Low recoveries (<40%) were observed for one or both surrogate compounds in the analysis of these samples.

① Not relevant to sediment data packages. BL 2-28-02

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- Any reported positive results for Pest/PCB compounds in SDG 01-373 samples LPX-AE-4004-0000-01, LPX-AE-4005-0000-01, LPX-AE-4009-0000-01, and LPX-AE-4010-0000-01 should be considered estimated and have been flagged "J" on the data tables. High recoveries (>125%) were observed for one or both surrogate compounds in these samples. ①

- One field duplicate pair (SDG 01-350 sample WRL-SW-4004 and its field duplicate, sample WRL-DU-071701-A) was submitted to the laboratory with this data set and analyzed for PAH and Pest/PCB compounds. Acceptable precision and sample representativeness were demonstrated by all reported positive results in these field QC samples. A complete comparison of the reported positive results has been included in Section 3A.

- Based on the project-specific reporting requirements, all reported positive results with concentrations between the laboratory method detection limit and the project reporting limit should be considered estimated and have been flagged "J" on the data tables.

Complete support documentation for this organic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

B. Wet Chemistry Data ①

The wet chemistry analyses of 15 aqueous samples (including QC samples) were performed by Chesapeake Biological Laboratory (CBL) of Solomons, Maryland. The samples were analyzed for nutrients (specifically, nitrite, ammonium, phosphate, nitrate, dissolved organic carbon [DOC], total organic carbon [TOC], total suspended solids [TSS], total dissolved phosphorus, total dissolved nitrogen, total phosphorus, and total nitrogen) by CBL SOP L-62. These analyses are specified on Table 1. The laboratory organized the samples into CBL #01.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon laboratory receipt, blank analysis results, MS recoveries, laboratory duplicate precision, instrument sensitivity, instrument detection limits (IDLs), sample preparation, and the quantitation of positive results.

Overall, the wet chemistry data quality appears to be good. The data reviewer has edited the QC forms based on the deficiencies and comments listed in this QC review. Analytical and reporting requirements specified in the QAPP were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a rigorous review of the data provided, the wet chemistry qualifiers associated with the samples that underwent data validation are presented in the subsequent Wet Chemistry Data Qualifiers Section. These qualifiers should not be applied to

① Not relevant to sediment data packages. BL 3-1-02

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any wet chemistry results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Comment

- The laboratory only performed matrix spike analyses for total dissolved nitrogen and total dissolved phosphorus. As a result, the data reviewer could not evaluate the accuracy of the analytical method relative to the specific sample matrix for all target parameters.

With respect to data usability, the principal area of concern is high laboratory duplicate relative percent differences. Based on a Tier II review of the data provided, the following wet chemistry data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Wet Chemistry Data Qualifiers

- The reported positive results for ammonium and total dissolved phosphorus in all CBL #01 samples should be considered estimated and have been flagged "J" on the data tables. High relative percent differences (>10%) were observed for these parameters in the associated laboratory duplicate analyses.

- One field duplicate pair (CBL #01 sample WRL-SW-4004 and its field duplicate, sample WRL-DU-071701-A) was submitted to the laboratory with this data set and analyzed for nutrient parameters. Acceptable precision and sample representativeness were demonstrated by all reported positive results in these field QC samples.

Complete support documentation for this wet chemistry QA review is presented in Section 4 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review. (1)

(1) Not relevant to sediment data packages. BL 3-1-02

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C. Conclusions

Overall, the data quality is good. Based on this QA review, several positive organic results were qualified as "not-detected" due to blank contamination. In addition, several organic results were qualified as estimated due to elevated sample temperatures, high continuing calibration %Ds, high and low MS/MSD recoveries, very low percent solids results, a low LCS recovery, high and low surrogate recoveries, and quantitation of results below the project-required reporting limit. A few wet chemistry results were qualified as estimated due to high laboratory duplicate relative percent differences. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives and Chain-of-Custody Records are presented in Sections 5 and 6, respectively.

Report prepared by:

Thomas H. Weinmann
Quality Assurance Chemist

Report reviewed by:

Stephen T. Zeiner, CEAC, CPC
Senior Quality Assurance Chemist III

Report reviewed and approved by:

Kyle R. Clay
Senior Quality Assurance Chemist I/
Project Manager

Report reviewed and approved by:

David R. Blye, CEAC
Quality Assurance Specialist/
Principal

Date: 1-17-02

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

(610) 935-5577

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Section 1 Quality Assurance Review

Metals
AVS/SEM

A. Inorganic and Wet Chemistry Data

The inorganic analyses of 16 soil samples (including QC samples), 33 sediment samples (including QC samples), and three rinsate blanks were performed by Battelle Marine Sciences Laboratory of Sequim, Washington. The samples were collectively analyzed for beryllium, aluminum, vanadium, chromium, manganese, iron, nickel, copper, zinc, silver, and barium by Battelle-MSL Method MSL-I-027-03; for cobalt, arsenic, molybdenum, cadmium, antimony, thallium, copper, nickel, zinc, and lead by Battelle-MSL Method MSL-I-022-04; for methylmercury by Battelle Method MSL-I-015-05; for selenium by Battelle-MSL Method MSL-I-029-03; for mercury by Battelle-MSL Method MSL-I-016-03 or MSL-I-013-02; for acid volatile solids by Battelle-MSL Method MSL-C-001; and for simultaneously extracted metals by Battelle Methods MSL-I-013-02, MSL-I-022-4, and MSL-W-009-00. These analyses are specified on Table 1. The laboratory organized the samples into one SDG (SDG 1678).

The findings in this report are based upon a Tier II review of sample holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory and field duplicate precision, blank spike recoveries, matrix spike/matrix spike duplicate (MS/MSD) recoveries and precision, standard reference material results, instrument sensitivity, method detection limits (MDLs), and calibrations.

Overall, the inorganic and wet chemistry data quality appears to be satisfactory. The data reviewer has edited the laboratory-reported data and QC forms based on the deficiencies listed in this QA review. Contractual and reporting requirements were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the inorganic and wet chemistry data qualifiers associated with the samples that underwent limited data validation are presented in the subsequent Inorganic and Wet Chemistry Data Qualifiers Section. These qualifiers should not be applied to any inorganic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Correctable Deficiency

- The laboratory identified sample LPX-SD-4004-0000-01 as "LPK-SD-4004-0000-01" on the results summary forms. As instructed by Battelle personnel, the Environmental Standards data reviewer did not edit the sample identifications on the electronic data deliverables.

Corrected in EDD. DDahlen 4/23/02

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Noncorrectable Deficiencies

1. For the ICP/MS analytical sequence for SEM metals (nickel, copper, zinc, and lead) analyzed on 8/7/01, the laboratory did not reanalyze the samples that were not bracketed by continuing calibration verification standards. The last three continuing calibration verification standards of the sequence, according to the laboratory, were not analyzed due to autosampler tray misalignment. Qualification of data due to this issue is addressed in the Inorganic and Wet Chemistry Data Qualifiers section.

2. The laboratory digested and analyzed samples GMP-SD-5007-0000-01, RAB-SD-5008-0000-01, APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4011-0000-01, and LPX-SD-4012-0000-01, LPX-SD-4013-0000-01 for mercury and samples RWR-FP-5002-0000-01, RWR-FP-5004-0000-01, CMS-FP-4001-0000-01, CMS-FP-4002-0000-01, RWR-FP-5001-0000-01, and RWR-FP-5003-0000-01 for methylmercury 1-3 days beyond the QAPP Worksheet 12b holding time of 28 days from collection to digestion. Qualification of data due to this issue is addressed in the subsequent Inorganic and Wet Chemistry Data Qualifiers section.

Comments

1. The field sampling team did not include the rinsate blanks (laboratory sample identifications 1678*175 and 1678*176) on the Chain-of-Custody forms. The laboratory analyzed these samples for ICP metals, ICP/MS metals, selenium, mercury, and methylmercury.

2. The laboratory reported all observed detections as positive results. Battelle project management indicated to the Environmental Standards that this reporting convention was consistent with project requirements. US EPA reporting conventions typically dictate that results with concentrations less than the method detection limit (MDL) or the IDL are reported as "not-detected" results. As part of this Tier II review, the Environmental Standards data reviewer did not alter the laboratory-reported results. The impact of this reporting issue on data quality is addressed in the Inorganic and Wet Chemistry Data Qualifiers section.

With respect to data usability, the principal areas of concern are blank contamination, exceeded holding times, laboratory and field duplicate imprecision, low and high MS/MSD recoveries, MS/MSD imprecision, low standard reference material recoveries, low and high blank spike recoveries, calibration issues, and results reported below project-specific detection limits. Based on a review of the data provided, the following inorganic and wet chemistry data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

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Inorganic and Wet Chemistry Data Qualifiers

- Due to the trace-level presence of the following compounds in the associated method blanks and/or rinsate blanks, the reported positive results for the analytes in the samples listed below should be considered "not-detected" and have been flagged "U" on the data tables. It should be noted that sample weights were taken into consideration when evaluating blank contamination.

Analyte	Sample(s) With Results Qualified as "Not-Detected" ("U")
arsenic	LPX-SD-4001-000-01
chromium	LPX-FP-4007-0000-01
antimony	RAB-SD-5008-0000-01, APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4013-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, WRL-SD-4005-0000-01, WRL-SD-071201-A, LPX-SD-4004-0000-01, LPX-SD-4002-0000-01, LPX-SD-071601-A, and LPX-FP-4004-0000-01
silver	RWR-SD-5003-0000-01 and RAB-SD-5004-0000-01
selenium	RAB-SD-5008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4013-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, WRL-SD-4005-0000-01, WRL-SD-071201-A, LPX-SD-4002-0000-01, LPX-SD-071601-A, CMS-FP-4003-0000-01, LPX-FP-4007-0000-01, LPX-FP-4006-0000-01, RWR-FP-5002-0000-01, CMS-FP-4001-0000-01, CMS-FP-4002-0000-01, CMS-FP-4005-0000-01, and CMS-DU-072001
SEM zinc	RAB-SD-5008-0000-01, APB-SD-4010-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4003-0000-01, WRL-SD-4005-0000-01, WRL-SD-071201-A, and LPX-SD-4002-0000-01

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. These samples were digested and analyzed 1–3 days beyond the QAPP Worksheet 12b holding time of 28 days from collection to digestion.

Note that samples were freeze-dried prior to 28-d holding time.
DDanker 4/23/02

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Analyte	Samples With Estimated Positive Results ("J")
methylmercury	RWR-FP-5002-0000-01, RWR-FP-5004-0000-01, CMS-FP-4001-0000-01, CMS-FP-4002-0000-01, RWR-FP-5001-0000-01, and RWR-FP-5003-0000-01
mercury	GMP-SD-5007-0000-01, RAB-SD-5008-0000-01, APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4012-0000-01, and LPX-SD-4013-0000-01

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. High RPDs (>35%) were observed for these analytes in associated laboratory duplicate analyses.

Analyte	Samples With Estimated Positive Results ("J")
arsenic	All sediment samples except LPX-SD-4013-0000-01
SEM cadmium	All sediment samples
antimony	All soil samples

- The reported positive results for antimony in all samples, except samples RB-071001 (1678*175), RB-071001(1678*176), and RB-071801-A, should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. Low recoveries (<75%) were observed for these analytes in the associated MS/MSD analyses.

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High recoveries (>125%) were observed for these analytes in the associated MS/MSD analyses.

Analytes	Samples With Estimated Positive Results ("J")
lead, manganese, and barium	All sediment samples
chromium	All sediment samples except RAB-SD-5008-0000-01

- The detection limits for the following analytes in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. Low recoveries (<75%) were observed for these analytes in the associated standard reference material analyses.

(1) See discussion of SRM exceedences in QA/QC narrative. DTD ahlen 4/23/02

Analytes	Samples With Qualified Detection Limits ("UJ") and/or Estimated Positive Results ("J")
aluminum and antimony (1)	All samples
chromium, selenium, and thallium (1)	All sediment samples, RB-071001-(1678*175), and RB-071001(1678*176)
molybdenum	All soil samples and RB-071801-A
methylmercury	All samples except RWR-SD-5004-0000-01

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High RPDs (>35%) were observed for these analytes in associated MS/MSD analyses.

Analytes	Sample(s) With Estimated Positive Results ("J")
manganese and zinc	All sediment samples
lead	All sediment samples except RAB-SD-5008-0000-01

- The reported positive results for acid volatile solids in all sediment samples, except sample RWR-SD-5004-0000-01, should be considered estimated and have been flagged "J" on the data tables. High recoveries (>125%) were observed for acid volatile solids in the associated blank spike analyses.

- The reported positive results for acid volatile solids in all sediment samples, except sample RWR-SD-5004-0000-01, should be considered estimated and have been flagged "J" on the data tables. A low recovery (<75%) was observed for acid volatile solids in the associated blank spike analysis.

- The reported positive results for SEM nickel, SEM copper, SEM zinc, and SEM lead in the samples listed below should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. These samples were not bracketed by continuing calibration verification standards in the analytical sequence.

Samples With Estimated Positive Results ("J")

APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4012-0000-01, LPX-SD-4013-0000-01, GMP-SD-5002-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, CMS-SD-4007-0000-01, LPX-SD-4004-0000-01, WRL-SD-4005-0000-01,WRL-SD-071201-A, LPX-SD-4001-0000-01, LPX-SD-4002-0000-01, and LPX-SD-071601-A

- Three field duplicate pairs (sample WRL-SD-4005-0000-01 and its field duplicate, sample WRL-SD-071201-A; sample LPX-SD-4013-0000-01 and its field duplicate, sample LPX-SD-071601-A; and sample CMS-FP-4001-0000-01 and its field duplicate, sample CMS-DU-072001) were submitted to the laboratory with this data set.

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Acceptable precision and sample representativeness were demonstrated by the reported positive results in these field QC samples except the reported positive results for the analytes in the samples listed below; these positive results should be considered estimated and have been flagged "J" on the data tables. High RPDs (>40%) were observed for these analytes in the associated field duplicate analyses.

Analytes	Samples With Estimated Positive Results ("J")
chromium and SEM cadmium	LPX-SD-4013-0000-01 and LPX-SD-071601-A
cobalt and zinc	CMS-FP-4001-0000-01 and CMS-DU-072001

- Based on standard project reporting requirements, all observed positive results reported with concentrations below the laboratory's project-specific reporting limits have been flagged "J" (unless flagged "U") on the data tables.

Complete support documentation for this inorganic and Wet Chemistry QA review is presented in Section 4 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

B. Conclusions

Overall, the data quality is satisfactory. Based on this QA review, several inorganic results were qualified due to blank contamination, exceeded holding times, laboratory and field duplicate imprecision, low and high MS/MSD recoveries, MS/MSD imprecision, low standard reference material recoveries, low and high blank spike recoveries, calibration issues, and results reported below project-specific detection limits. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives and Chain-of-Custody Records are presented in Sections 4 and 5, respectively.

Report prepared by:

Glenn S. Esler
Quality Assurance Chemist

Report reviewed by:

Stephen T. Zeiner, CEAC, CPC
Senior Quality Assurance Chemist III

Report reviewed and approved by:

Kyle R. Clay
Senior Quality Assurance Chemist I/
Project Manager

Report reviewed and approved by:

David R. Blye, CEAC
Quality Assurance Specialist/
Principal

Date: 2/8/02

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

(610) 935-5577

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Section 1 Quality Assurance Review SVOC SDGs 200959 200964

A. Organic Data

The organic analyses of 19 soil samples (including QC samples, two dilutions, and a reanalysis), one sediment sample, and 17 aqueous samples (including QC samples) were performed by Severn Trent Laboratories (STL) of Baltimore, Maryland. The samples were collectively analyzed for volatile organic compounds by SW-846 Method 8260B and for semivolatile organic compounds (phenols and phthalates) by SW-846 Method 8270C. These analyses are specified on Table 1. The laboratory organized the samples into five sample delivery groups (SDGs 200954, 200959, 200964, 200967, and 200972).

The findings in this report are based upon a rigorous review of holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and precision, matrix spike (MS)/matrix spike duplicate (MSD) recoveries and precision, surrogate recoveries, internal standard response, instrument sensitivity, field duplicate precision, analytical sequence, gas chromatography/mass spectroscopy (GC/MS) bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP) instrument performance checks, calibrations, overall system performance, and quantitation of positive results.

Overall, the organic data quality appears to be good. The data reviewer has edited the laboratory-reported data and QC forms based on the deficiencies and comments listed in this QC review. Contractual and reporting requirements were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the organic data qualifiers associated with the samples that underwent data validation are presented in the subsequent Organic Data Qualifiers section. These qualifiers should not be applied to any organic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Noncorrectable Deficiencies

1. High percent differences (>20%) were observed for the semivolatile compounds in the initial and/or continuing calibration verifications (ICV/CCVs) listed below. According to the QAPP (Worksheet #21), the laboratory should reanalyze the Check Standard Solution if any percent difference is greater than 20%. The laboratory did not reanalyze the below-listed Check Standard Solutions; the impact on data usability (if any) due to high percent difference is addressed in the subsequent Organic Data Qualifiers section.

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Compound(s)	SDG	Initial or Continuing Calibration Verification(s) With High Percent Difference(s) (>20%)
2,4-dinitrophenol	200954	CCV on 7/30/01 at 1140 on instrument SD4
	200959 and 200964	ICV on 8/9/01 at 2322 on instrument SC3 and ICV on 7/18/01 at 2259 on instrument SA1
	200967	CCV on 8/15/01 at 1957 on instrument SB2
2,4-dinitrophenol and 4-nitrophenol	200959	ICV on 7/30/01 at 1645 on instrument SA1
4-nitrophenol	200959 and 200964	CCV on 7/26/01 at 2017 on instrument SA1

2. According to the Sample Split and Transfer Log and the Job Sample Receipt Checklist Report, SDG 200972 sample RB-0718-01-A was received on 7/24/01 with a cooler temperature greater than 6°C. According to the QAPP (Worksheet #22a), the cooler temperature should be less than 6°C. The laboratory did not note the elevated temperature in the Case Narrative and did not report the measured temperature of the cooler. The data reviewer could not determine if the cooler temperature was significantly high (*i.e.*, >10°C); therefore, data were not qualified due to this deficiency.

Comments

1. According to the Job Sample Receipt Checklist Report, two sample containers for SDG 200959 sample RAB-SW-5004-01 were received broken. The data reviewer assumed the laboratory used sample from undamaged containers for the analyses. Data were not qualified due to this issue.

2. According to the Job Sample Receipt Checklist Report, one sample container for SDG 200959 sample WRL-SW-4004-01 contained headspace. The data reviewer assumed the laboratory used sample from containers without headspace for the analyses. Data were not qualified due to this issue.

3. The results for phenol in SDG 200964 samples W5428 (1CCSV851) and W5429 (1CCSV852) were reported from a two-fold dilution due to high levels of phenol in the undiluted analysis.

4. Percent solids data were not provided for SDG 200964 samples W5428 and W5429; results were reported on a wet-weight basis. these are PE samples received from EPA + USACE. DTDahlen 4/23/02

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5. In SDG 200967, sample CMS-DUP-072001 was reanalyzed due to low internal standard area counts; the reanalysis yielded similar results. (1)

6. In SDG 200972, the laboratory did not include a Method Blank Summary Form (Form IV) or Internal Standard Response Summary form (Form VIII) in the data package provided to Environmental Standards. Upon Environmental Standards' request, the laboratory stated that the forms "cannot be regenerated at this point" (see Project Correspondence [Section 6]). The data reviewer used the associated raw data to evaluate the method blank associations and internal standard responses.

7. In SDG 200954, the laboratory did not include the result for sample TRIP BLANK in the EDD provided to Environmental Standards. Upon Environmental Standards' request, the laboratory provided these data.

8. The laboratory did not report internal standard retention times (RTs) on the Internal Standard Response Summary forms (Form VIIIs) for any of the project sample or QC sample analyses. SW-846 Methods 8260B and 8270C (Sections 7.4.6) stipulate that the RTs of the internal standards in the CCV must be within 30 seconds of those from the mid-level standard in the most recent initial calibration. The data reviewer was not able to evaluate the internal standard RTs for method compliance.

9. According to the Analytical Narratives and Job Sample Receipt Checklist Reports, all samples in SDGs 200959, 200964, and 200972 were received at the laboratory without custody seals present on the sample bottles or on the shipping containers. The data reviewer assumed that the shipping containers were sealed prior to shipment and that the integrity of the samples was not compromised during transport. Qualification of data was not warranted due to this issue.

10. The percent relative standard deviation (%RSD) of the relative response factors (RRFs) exceeded 15% for bromomethane; chloroethane; bromoform; 1,1,2,2-tetrachloroethane; 1,2,3-trichloropropane; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,2-dichlorobenzene; 1,2-dibromo-3-chloropropane; 1,2,4-trichlorobenzene; hexachlorobutadiene; naphthalene; and 1,2,3-trichlorobenzene in the volatile organic initial calibration performed on 7/18/01 on instrument VE5 and associated with samples in SDGs 200954, 900959, and 200964. SW-846 Method 8260B (Sections 7.3.8.2 and 7.3.8.3) requires the laboratory to re-calibrate the instrument if the %RSD for any compound exceeds 15%, unless the overall mean %RSD for all compounds in the initial calibration is less than 15%. The laboratory should also generate a linear or non-linear calibration curve for the individual compounds that exceeded the %RSD criterion in the initial calibration. The data packages for SDGs 200954, 200959, and 200964 did not contain information to suggest that the laboratory had generated linear or non-linear calibration curves for these compounds. The qualification of project samples associated with the noncompliant %RSDs is addressed in the Organic Data Qualifiers section.

(1) Not relevant to sediment data packages.
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11. The %RSD of the RRFs exceeded 15% for phenol; 2,4-dinitrophenol; carbazole; di-*n*-butyl phthalate; butylbenzylphthalate; bis(2-ethylhexyl)phthalate; di-*n*-octyl phthalate; and/or pentachlorophenol in various semivolatile organic initial calibrations associated with samples in all SDGs. SW-846 Method 8270C (Section 7.3.7.1) requires the laboratory to re-calibrate the instrument if the %RSD for any compound exceeds 15%, unless the overall mean %RSD for all compounds in the initial calibration is less than 15%. The laboratory should also generate a linear or non-linear calibration curve for the individual compounds that exceeded the %RSD criteria in the initial calibration. The data packages did not contain information to suggest that the laboratory had generated linear or non-linear calibration curves for these compounds. The qualification of project samples associated with the noncompliant %RSDs is addressed in the Organic Data Qualifiers section.

With respect to data usability, the principal areas of concern include blank contamination, low MS/MSD and LCS recoveries, high initial calibration %RSDs, high continuing calibration percent differences, low surrogate recoveries, low internal standard area counts, and quantitation of results below the project-required reporting limit. Based on a Tier II review of the data provided, the following organic data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Organic Data Qualifiers

- Due to the trace-level presence of bis(2-ethylhexyl)phthalate in the associated method blank, the reported positive results for bis(2-ethylhexyl)phthalate in SDG 200964 samples W5428 (1CCSV851) and W5429 (1CCSV852) should be considered "not-detected" and have been flagged "U" on the data tables. It should be noted that sample weights were taken into consideration when evaluating blank contamination.

- The analysis for 2,4-dinitrophenol in SDG 200967 sample RWR-FP-5002-0000-01 ~~should~~ (1) be considered unusable, and the "not-detected" ~~result~~ has been flagged "R" on the data tables. A very low ~~recovery~~ (<10%) was observed for 2,4-dinitrophenol in the associated ~~MSD~~ analysis.

- The analyses for 2,4-dinitrophenol in the samples listed below should be considered unusable, and the "not-detected" results have been flagged "R" on the data tables. Very low recoveries (<10%) were observed for this compound in the associated LCS analyses.

(1) Not relevant to sediment data package. BL 2-27-02

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Compound	SDG	Sample(s) With Unusable Analyses ("R")
2,4-dinitrophenol	200959	RWR-SW-5001-01, RWR-SW-5002-01, RAB-SW-5004-01, WRL-SW-4004-01, WRL-DU-071701-A(DUP), and WRL-SW-4005-01
	200964	W5427 (0026491)

- The quantitation limits for the volatile compounds bromomethane; chloroethane; 1,2-dibromo-3-chloropropane; 1,1,2,2-tetrachloroethene; bromoform; 1,2,3-trichloropropane; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,2-dichlorobenzene; 1,2,4-trichlorobenzene; naphthalene; hexachlorobutadiene; and 1,2,3-trichlorobenzene in all SDG 200954 and SDG 200959 samples and in SDG 200964 sample W5431 (PX326) may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples cited above should be considered estimated and have been flagged "J" on the data tables. High %RSDs (>15%) were observed among the RRFs for the aforementioned compounds in the associated initial multipoint calibration standards.

- The quantitation limits for the semivolatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on these data tables. In addition, any reported positive results for these semivolatile compounds in the samples listed below should be considered estimated and have been flagged "J" (unless previously flagged "U") on the data tables. High %RSDs (>15%) were observed among the RRFs for these compounds in the associated initial multipoint calibration standards.

Compound(s)	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
2,4-dinitrophenol	200954	All Samples
	200959	All Samples
	200964	All Samples
	200972	All Samples
pentachlorophenol	200959	WRL-SW-4004-01

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Compound(s)	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
carbazole and di-*n*-butylphthalate	200967	All Samples
phenol, carbazole, di-*n*-butylphthalate, butylbenzylphthalate, bis(2-ethylhexyl)phthalate, and di-*n*-octylphthalate	200959 200964	LPX-SD-071601-A(DUP) W5478 (1CCSV851) and W5429 (1CCSV852)

- The quantitation limits for the following volatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these volatile compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High percent differences (>20%), coupled with decreases in instrument sensitivity, were observed for these compounds in the associated continuing calibration standards.

Compound(s)	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
tetrachloroethene	200954	All samples
	200959	All samples
	200964	W5431
bromomethane	200954	All samples
	200964	W5431 (PX326)
	200959	All samples
methylene chloride and hexachlorobutadiene	200959	All samples
naphthalene	200964	W5431 (PX326)

- The quantitation limits for the semivolatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High percent differences (>20%), coupled with decreases in instrument sensitivity, were observed for these compounds in the associated initial and/or continuing calibration standards.

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Compound(s)	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
2,4-dinitrophenol	200954	All samples
	200959	LPX-SD-071601-A(DUP)
	200964	All samples
	200967	CMS-FP-4003-0000-01, LPX-FP-4007-0000-01, LPX-FP-4006-0000-01, RWR-FP-5002-0000-01, LPX-FP-4004-0000-01, RWR-FP-5004-0000-01, and CMS-FP-4001-0000-01
4-nitrophenol	200959	RWR-SW-5001-01, RWR-SW-5002-01, RAB-SW-5004-01, WRL-DU-071701-A(DUP), and WRL-SW-4005-01
	200964	W5427 (0026491)
2,4-dinitrophenol and 4-nitrophenol	200959	WRL-SW-4004-01

- The quantitation limits for the volatile compounds SDG 200959 sample RAB-SW-5004-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (< acceptance limits) were observed for these compounds in the associated MS/MSD analyses.

Compounds

benzene; 1,2-dichloroethane; 1,2-dichloropropane; dibromomethane; bromodichloromethane; *cis*-1,3-dichloropropene; toluene; *trans*-1,3-dichloropropene; 1,1,2-trichloroethane; tetrachloroethene; 1,3-dichloropropane; dibromochloromethane; 1,2-dibromomethane; chlorobenzene; 1,1,1,2-tetrachloroethane; *m&p*-xylenes; *o*-xylene; styrene; bromoform; bromobenzene; 1,1,2,2-tetrachloroethane; 1,2,3-trichloropropane; 1,3,5-trimethylbenzene; 1,2,4-trimethylbenzene; *sec*-butylbenzene; 1,3-dichlorobenzene; *p*-isopropyltoluene; 1,4-dichlorobenzene; *n*-butylbenzene; 1,2-dichlorobenzene; 1,2-dibromo-3-chloropropane; 1,2,4-trichlorobenzene; hexachlorobutadiene; naphthalene; and 1,2,3-trichlorobenzene

- The quantitation limits for the volatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. Low

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recoveries (< acceptance limit) were observed for these compounds in the associated LCS analyses.

Compounds	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
tetrachloroethene and 1,2,3-trichloropropane	200954	WRC-SW-4002-01, WRC-SW-4003-01, WRC-SW-4004-01, WRC-SW-4001-01, and TRIP BLANK
bromodichloromethane and 1,2-dichlorobenzene	200954	WRC-SW-4003-01, WRC-SW-4004-01, and WRC-SW-4001-01
bromomethane; 1,2-dichloroethane; bromodichloromethane; tetrachloroethene; 1,3-dichloropropane; dibromochloromethane; 1,1,1,2-tetrachloroethane; *m&p*-xylenes; styrene; bromobenzene; 1,2,3-trichloropropane; 1,2,4-trimethylbenzene; *sec*-butylbenzene; 1,3-dichlorobenzene; 1,2-dichlorobenzene; and hexachlorobutadiene	200959	All samples
bromodichloromethane; tetrachloroethene; bromobenzene; 1,2,3-trichloropropane; 1,2-dichlorobenzene; and hexachlorobutadiene	200964	W5431 (PX326)

- The quantitation limits for the semivolatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. Low recoveries (< acceptance limits) were observed for these compounds in the associated LCS or LCSD analysis.

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Compounds	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
2-nitrophenol and pentachlorophenol	200959	RWR-SW-5001-01, RWR-SW-5002-01, RAB-SW-5004-01, WRL-SW-4004-01, WRL-DU-071701-A(DUP), and WRL-SW-4005-01
	200964	W5427 (0026491)
2,4,5-trichlorophenol; 2-nitrophenol; pentachlorophenol; and butyl benzyl phthalate	200972	RB-0718-01-A

- The quantitation limits for the semivolatile acid compounds in SDG 200967 sample CMS-FP-4003-0000-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (< acceptance limits) were observed for three semivolatile acid surrogate compounds in this sample analysis.

- The quantitation limits for all semivolatile compounds quantitated with the internal standards in the samples listed below may be biased low, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for compounds quantitated with these internal standards should be considered estimated and have been flagged "J" on the data tables. Low area counts (<50% of the area of the internal standard in the associated continuing calibration standard) were obtained for the associated internal standards in the semivolatile analyses of these samples.

Internal Standard(s)	SDG	Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J")
chrysene-d_{12} and perylene-d_{12}	200967	CMS-FP-4002-0000-01, RWR-FP-5001-0000-01, RWR-FP-5003-0000-01, and CMS-FP-4005-0000-01
phenanthrene-d_{10}, chrysene-d_{12}, and perylene-d_{12}	200967	CMS-DUP-072001 and CMS-DUP-072001RE
perylene-d_{12}	200967	RWR-FP-5004-0000-01

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- Two field duplicate pairs [SDG 200959 sample WRL-SW-4004-01 and its field duplicate, sample WRL-DU-071701-A (DUP), and SDG 200967 sample CMS-FP-4001-0000-01 and its field duplicate, sample CMS-DUP-072001] were submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by all reported positive results in these field QC samples.

- Based on the project-specific reporting requirements, all reported positive results with concentrations between the laboratory method detection limit and the project reporting limit should be considered estimated and have been flagged "J" on the data tables.

Complete support documentation for this organic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

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B. Conclusions

Overall, the data quality is good. Based on this QA review, a few semivolatile positive results were qualified as "not-detected" due to blank contamination and a few semivolatile results were qualified as unusable due to very low MS/MSD and LCS recoveries. In addition, several volatile and semivolatile results were qualified as estimated due to calibration issues, low MS/MSD and LCS recoveries, low surrogate recoveries, low internal standard area counts, and quantitation of results below the project-required reporting limit. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives, Chain-of-Custody Records, and Project Correspondence are presented in Sections 4, 5, and 6, respectively.

Report prepared by:

Thomas H. Weinmann
Quality Assurance Chemist

Report reviewed by:

Stephen T. Zeiner, CEAC, CPC
Senior Quality Assurance Chemist III

Report reviewed and approved by:

Kyle R. Clay
Senior Quality Assurance Chemist I/
Project Manager

Report reviewed and approved by:

David R. Blye, CEAC
Quality Assurance Specialist/
Principal

Date: 1/17/02

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

(610) 935-5577

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SVOC SDG 200929
Grain Size
TOC

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 11 sediment samples (including QC samples) and one aqueous blank sample were performed by Severn Trent Laboratories (STL) of St. Louis, Missouri. The samples were analyzed for semivolatile organic compounds (phenols and phthalates) by SW-846 Method 8270C. These analyses are specified on Table 1. The laboratory organized the samples into the two sample delivery groups (SDGs 200929 and 200940).

The findings in this report are based upon a US EPA Region I Tier II (Tier II) review of holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory control sample (LCS) recoveries, matrix spike (MS)/matrix spike duplicate (MSD) recoveries and precision, surrogate recoveries, internal standard response, instrument sensitivity, analytical sequence, gas chromatography/mass spectroscopy (GC/MS) decafluorotriphenylphosphine (DFTPP) instrument performance checks, calibrations, overall system performance, and quantitation of positive results.

Overall, the organic data quality is satisfactory. The data reviewer has edited the laboratory-reported data and QC forms based on the deficiencies and comments listed in this QC review. Contractual and reporting requirements were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the organic data qualifiers associated with the samples that underwent data validation are presented in the subsequent Organic Data Qualifiers section. These qualifiers should not be applied to any organic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Noncorrectable Deficiencies

1. In SDG 200929, high percent differences (%Ds >20%) were observed for 2,4-dinitrophenol and 4-nitrophenol in the initial calibration verification (ICV) standard analyzed on 7/30/01 at 1645 on instrument SA1. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any %D is greater than 20%; the laboratory did not perform corrective measures. Data were not qualified due to this deficiency because project samples were not analyzed in association with this ICV.

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2. In SDG 200929, a high %D (>20%) was observed for 4-nitrophenol in the continuing calibration verification (CCV) performed on 7/31/01 at 1421 on instrument SA1. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any %D is greater than 20%; the laboratory did not perform corrective measures. The impact on data usability due to the high %D is addressed in the subsequent Organic Data Qualifiers section.

3. In SDG 200929, high %Ds (>20%) were observed for 2,4-dinitrophenol and 4-nitrophenol in the CCV performed on 8/2/01 at 0233 on instrument SA1. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any %D is greater than 20%; the laboratory did not perform corrective measures. Data were not qualified due to this deficiency because only the result for bis(2-ethylhexyl)phthalate in sample APB-SD-4010-0000-01 was associated with this CCV.

4. In SDG 200940, a high %D (>20%) was observed for 2,4-dinitrophenol in the ICV performed on 7/18/01 at 2308 on instrument SC3. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any percent difference is greater than 20%; the laboratory did not perform corrective measures. Data were not qualified due to this deficiency because project samples were not analyzed in association with this ICV. ①

5. In SDG 200940, high %Ds (>20%) were observed for 2,4-dinitrophenol and 4-nitrophenol in the CCV performed on 7/23/01 at 1024 on instrument SC3. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any percent difference is greater than 20%; the laboratory did not perform corrective measures. The impact on data usability due to the high %Ds is addressed in the subsequent Organic Data Qualifiers section.

6. For the SDG 200940 preparation batch 3472, several surrogate compounds in the LCS/LCSD and the preparation blank analyses were recovered below the QC limits specified in the QAPP (Worksheet #24b). According to the QAPP (Worksheet #24a), the laboratory must reanalyze, reprepare, or qualify the data when surrogates are outside of QC limits. The laboratory should have re-prepped the QC samples and any associated samples based on the low surrogate recoveries. The data for sample RB-071001 exhibited one low surrogate recovery and, therefore, qualification of data was not warranted; it is possible that the low surrogate recovery in this sample was a systematic extraction problem or spike addition problem.

① Not relevant to sediment data packages. BL 2-27-02

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Comments

1. According to the Chain-of-Custody Record and Job Sample Receipt Checklist Report (Checklist Report), the sample containers for SDG 200929 samples RAB-SD-5008-0000-01 and GMP-SD-5007-0000-01 were received broken. In addition, sample GMP-SD-5007-0000-01 was received without a label and with an incorrect time of collection indicated on the bottle. The laboratory indicated on the Checklist Report that a Non-Conformance Recovery (NCR) was issued; however, the NCR was not provided in the package received for review. It was, therefore, assumed that the laboratory used sample from the damaged containers for analysis. The COC indicated that sample GWP-SD-5007-0000-01 was transferred to another sample jar. It was not apparent if multiple sample containers were provided for these samples or if the integrity of the samples was compromised as a result of the broken sample jars. Data were not qualified due to this issue.

2. According to the Analytical Narrative and the Checklist Report, SDG 200940 sample RB-071001 was received at the laboratory without custody seals present on two sample bottles or on the shipping container. It was assumed by the Environmental Standards data reviewer that the shipping container was sealed prior to delivery and the integrity of the sample was not comprised during transport. Qualification of data was not warranted due to this issue.

3. The laboratory did not perform MS/MSD analyses in association with SDG 200940 sample RB-071001 due to insufficient sample volume. The laboratory did perform an LCS/LCSD analyses associated with this sample. There was no impact on data usability due to the absence of an MS/MSD associated with this sample because sample RB-071001 is an equipment rinsate blank sample.

4. The laboratory did not report internal standard retention times (RTs) or upper and lower limits for internal standard areas on the Internal Standard Response Summary forms (Form VIIIs) for any of the project sample or QC sample analyses. The Environmental Standards data reviewer was not able to evaluate the internal standard RTs for method compliance. The Environmental Standards data reviewer was able to evaluate the internal standard areas by calculating the upper and lower limits. SW-846 Method 8270C (Section 7.4.6) states that the RTs of the internal standards in the CCV must be within 30 seconds of those from the mid-level standard in the most recent initial calibration. Qualification of data was not warranted due to this issue.

5. The result for bis(2-ethylhexyl)phthalate in SDG 200929 sample APB-SD-4010-0000-01 was reported from a three-fold dilution due to a high level of this compound in the original analysis.

① Not relevant to sediment data packages. BL 2-27-02

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6. The percent relative standard deviation (%RSD) for relative response factors (RRFs) for 2,4-dinitrophenol, pentachlorophenol, phenol, carbazole, and/or di-n-butylphthalate in various initial calibrations associated with samples in SDGs 200929 and 900940 exceeded 15%. SW-846 Method 8270C (Section 7.3.7.1) requires the laboratory to re-calibrate the instrument if the %RSD for any compound exceeds 15% unless the overall mean %RSD for all compounds in the initial calibration is less than 15%. The laboratory should also generate a linear or non-linear calibration curve for the individual compounds that exceeded the %RSD criteria in the initial calibration. The data packages for SDGs 200929 and 900940 did not contain information to suggest that the laboratory generated linear or non-linear calibration curves for 2,4-dinitrophenol, pentachlorophenol, phenol, carbazole, and di-n-butylphthalate. The qualification of project samples associated with the noncompliant %RSDs is addressed in the Organic Data Qualifiers section.

7. The MS/MSD concentrations, spike amounts, and background concentrations presented on the Quality Control Results form for SDG 200929 were not corrected for dry weight, sample extract weight, or extraction field volume; consequently, the Environmental Standards data reviewer could not recalculate several of the percent recoveries (those with positive results reported in the background QC sample) for the MS/MSD samples based solely on the information provided on the summary form. The Environmental Standards data reviewer was able to recalculate the MS/MSD recoveries presented on the Quality Control Results form using information provided on the Sample Preparation Batch Worksheet and the percent moisture summary forms. Qualification of data was not warranted due to this issue.

With respect to data usability, the principal areas of concern include a low LCS recovery, high continuing calibration %Ds, low internal standard area counts, high and low MS/MSD recoveries, high initial calibration %RSD, very low percent solids results, and quantitation of results below the project-required reporting limits. Based on the Tier II review of the data provided, the following organic data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should <u>not</u> be construed as an indication of laboratory performance.

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Organic Data Qualifiers

- The analysis for 2,4-dinitrophenol in SDG 200929 sample LPX-SD-4013-DUP should be considered unusable, and the "not-detected" result has been flagged "R" on the data tables. Very low recoveries (<10%) were observed for 2,4-dinitrophenol in the associated MS/MSD analyses.

- The analyses for semivolatile compounds in SDG 200929 samples GMP-SD-5007-0000-01, RAB-SD-5008-0000-01, APB-SD-4008-0000-01, LPX-SD-4011-0000-01, and LPX-SD-4012-0000-01 should be considered unusable, and the "not-detected" results have been flagged "R" on the data tables. In addition, any reported positive results for semivolatile compounds in these samples should be considered estimated and have been flagged "J" on the data tables. Very low percent solids results (<30%) were obtained for these sediment samples.

Not that the lab did use 2x the normal sample size for extraction and analysis. DTDahlen 4/23/02

- The detection limits for 2,4-dinitrophenol and pentachlorophenol in all SDG 200929 samples and for phenol; 2,4-dinitrophenol; carbazole; and di-n-butylphalate in the SDG 200940 sample RB-071001 may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. A high %RSD (>15%) was observed among the RRFs for these compounds in the associated initial multipoint calibration standards.

- The detection limits for 4-nitrophenol in all SDG 200929 samples may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. A high %D (>20%), coupled with a decrease in instrument sensitivity, was observed between the average RRFs of the initial calibration and the RRFs in the associated continuing calibration.

- The detection limits for 2,4-dinitrophenol and 4-nitrophenol in SDG 200940 ~~sample~~ RB-071001 may be higher than reported, and the "not-detected" ~~results have~~ been flagged "UJ" on the data tables. High %Ds (>20%), ~~coupled with~~ a decrease in instrument sensitivity, were observed between the ~~average RRFs~~ of the initial calibration and the RRFs in the associated continuing ~~calibration~~. (1)

- The detection ~~limit~~ for carbazole in SDG 200940 sample RB-071001 may be higher than reported, ~~and~~ the "not-detected" result has been flagged "UJ" on the data tables. A ~~low~~ recovery (<66%) was observed for carbazole in the associated LCS analysis.

- The detection limits for all semivolatile compounds quantitated with the following internal standards in the samples listed on the table below may be biased low, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. In addition, any reported positive results for compounds quantitated with these internal

(1) Not relevant to sediment data packages. BL 2-27-02

standards should be considered estimated and have been flagged "J" on the data tables. Low area counts (<50% of the area of the internal standard in the associated continuing calibration standard) were observed for the associated internal standards in the semivolatile analyses of the following samples.

Internal Standard(s)	SDG	Samples With Biased Quantitation Limits ("UJ") and Estimated Positive Results ("J")
perylene-d_{12}	200929	APB-SD-4008-0000-01 and APB-SD-4009-0000-01
phenanthrene-d_{10}, chrysene-d_{12}, and perylene-d_{12}	200929	APB-SD-4010-0000-01, LPX-SD-4012-0000-01, and LPX-SD-4013-DUP
chrysene-d_{12} and perylene-d_{12}	200929	APB-SD-4010-0000-01 (3× Dilution), LPX-SD-4011-0000-01, and LPX-SD-4013-0000-01

- The reported positive results for carbazole, butyl benzyl phthalate, and bis(2-ethylhexyl)phthalate in SDG 200929 sample LPX-SD-4013-DUP should be considered estimated and have been flagged "J" on the data tables. High recoveries were observed for these compounds in the associated MS/MSD analyses.

- Based on the project-specific reporting requirements, all reported positive results with concentrations between the laboratory method detection limit and the project reporting limit should be considered estimated and have been flagged "J" on the data tables.

- One field duplicate pair (SDG 200929 sample LPX-SD-4013-0000-01 and its field duplicate, sample LPX-SD-4013-DUP) was submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by all reported positive results in these field QC samples.

Complete support documentation for this organic QA review is presented in Section 3 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

B. Inorganic and Wet Chemistry Data

The inorganic analyses of 13 soil samples and 23 sediment samples (including QC samples) were performed by Applied Marine Sciences, Inc. (AMS) of League City, Texas. The samples were analyzed for total organic carbon (TOC) by SW-846 Method 9060 and for grain size by ASTM

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Method D422. These analyses are specified on Table 1. The laboratory organized the samples into one SDG (SDG 2001-03-09).

The findings in this report are based upon a Tier II review of sample holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory duplicate precision, instrument sensitivity, method detection limits (MDLs), calibrations, sample preparation, and the quantitation of positive results.

Overall, the inorganic data quality appears to be good. The data reviewer has edited the laboratory-reported data and QC forms based on the deficiencies and comments listed in this QC review. Contractual and reporting requirements were met for this data set, with the exception of the items identified in the following sections of this QA review; it should be emphasized that these items do not necessarily impact data usability. Based upon a Tier II review of the data provided, the inorganic data qualifiers associated with the samples that underwent data validation are presented in the subsequent Inorganic and Wet Chemistry Data Qualifiers Section. These qualifiers should not be applied to any inorganic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Correctable Deficiency

- The laboratory incorrectly identified sample GMP-SD-5007-0000-01 as "GMD-SD-5007-0000-01" on the TOC result summary form.

Noncorrectable Deficiency

- The samples received on 7/18/01 had a cooler temperature of 9°C. According to the QAPP (Worksheet #22a), the cooler temperature should be less than 6°C. The laboratory did not note the elevated temperature in the Case Narrative. Data were not qualified due to this deficiency because the cooler temperature was less than 10°C.

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Comments

1. The laboratory noted on the Sample Receipt Checklist form and in the Case Narrative that the container for sample WRL-SD-4005-0000-01 was broken and the sample was possibly contaminated with cooler water. The laboratory contacted Ms. Deirdre Dahlen of Battelle who arranged to have the sample re-sent with the next shipment.

2. Sample LPX-SD-071601-A was received with the shipment of samples on 7/24/01 but was not listed on the Chain-of-Custody Record. The laboratory contacted Ms. Deirdre Dahlen of Battelle who instructed the laboratory to add the sample to the Chain-of-Custody Record and analyze the sample for Total Organic Carbon and Grain Size.

With respect to data usability, the principal areas of concern are high laboratory and field duplicate relative percent differences (RPDs). Based on a rigorous review of the data provided, the following inorganic and wet chemistry data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Inorganic and Wet Chemistry Data Qualifiers

- The reported positive results for the following grain size fractions in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High RPDs (>25%) were observed for these fractions in the associated laboratory duplicate analyses.

Grain Size Fraction	SDG	Samples With Estimated Positive Results ("J")
fine sand	2001-03-09	GMP-SD-5002-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4003-0000-01, CMS-SD-4006-0000-01, CMS-SD-4007-0000-01, LPX-SD-4001-0000-01, LPX-SD-4002-0000-01, LPX-SD-4004-0000-01, CMS-FP-4005-0000-01, CMS-DU-072001, WRL-SD-4005-0000-01, and LPX-SD-071601-A
clay	2001-03-09	CMS-FP-4005-0000-01, CMS-DU-072001, WRL-SD-4005-0000-01, and LPX-SD-071601-A

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- One field duplicate pair (SDG 2001-03-09 sample CMS-FP-4001-0000-01 and its field duplicate, sample CMS-DU-072001) was submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by the reported positive results in these field QC samples with the following exception. The reported positive results for the fine sand and clay grain size fractions in these samples should be considered estimated and have been flagged "J" on the data tables. High RPDs (>50%) were observed for these fractions in the associated field duplicate analyses.

Complete support documentation for this inorganic QA review is presented in Section 4 of this report. The cover sheet for this section is a checklist of all QA procedures required by the methods and examined in this data review.

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C. Conclusions

Overall, the data quality is satisfactory. Based on this QA review, several organic results were qualified as unusable due to very low MS/MSD recoveries and very low percent solids results. In addition, several organic results were qualified as estimated due to a low LCS recovery, low internal standard area counts, high MS/MSD recoveries, calibration issues, and quantitation of positive results below the project-required reporting limits. A few inorganic results were qualified as estimated due to high laboratory and field duplicate RPDs. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives and Chain-of-Custody Records are presented in Sections 5 and 6, respectively.

Report prepared by:

Thomas H. Weinmann
Quality Assurance Chemist

Report reviewed by:

Kyle R. Clay
Senior Quality Assurance Chemist I/
Project Manger

Report reviewed and approved by:

David R. Blye, CEAC
Quality Assurance Specialist/
Principal

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

(610) 935-5577

Date: 12/14/01

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