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US ARMY CORPS
OF ENGINEERS
New England District

Contract No. DACW33-01-D-0004
Delivery Order No. 01
October 2005

Combined Chemistry Data Report

Task RI-13, Surface Water and Lyman Mill Sediment Investigation and Task RI-15 Manton Pond Sediment Investigation

Centredale Manor Restoration Project Superfund Site North Providence, Rhode Island

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October 25, 2005

Ms. Beverly Lawrence
U.S. Army Corps of Engineers
New England District
696 Virginia Rd.
Concord, MA 01742-2751

CONTRACT NO. DACW33-01-D-0004
DELIVERY ORDER: 1
SUBMITTAL OF DELIVERABLE – Combined Data Report, Task RI13, Surface Water and Lyman Mill Pond Sediment Investigation and Task RI15 Manton Pond Sediment Investigation

Dear Ms. Lawrence:

Enclosed please find two double-sided copies of the final, validated chemistry data report for Delivery Order 01, *Centredale Manor Restoration Project Superfund Site*. This report includes analytical results from the surface water and sediment investigations conducted at the Centredale Manor Restoration Project (CMRP) Superfund site in 2004 and 2005, respectively. Analytical results reported here will be interpreted with the feasibility study (FS).

This data report has been reviewed and validated by the Battelle Quality Assurance Unit to verify the accuracy and completeness of the report, and by a senior scientist for technical accuracy.

The surface water and sediment investigations, results and validation activities are summarized below.

2004 Surface Water Investigation

Surface water samples were collected from three locations including an upstream location near Route 44, immediately upstream of the Allendale Dam, and immediately upstream of the Lyman Mill Dam (Figure 1). Samples were collected at each of these locations three times over a two week period in December 2004. Sample IDs, collection dates, and analysis parameters are summarized in Table 1. All samples were analyzed for dioxin/furans according to the approved work plan (Battelle, 2004a) and project Quality Assurance Project Plan (QAPP) (Battelle, 2002a, b).

Results from the 2004 investigation will be compared to the 1999 TTNUS data collection effort to verify the initial analysis of dioxin water column concentrations presented in the *Final Technical Memorandum Sediment Stability Study* (Battelle, 2004b). Findings from this evaluation will be reported separately in the Phase II Sediment Stability Study report and will also be summarized in the FS.

2005 Sediment Investigations

Two sediment investigations were conducted at the CMRP site in 2005. Sediment cores were collected at 10 locations at Lyman Mill Pond (Figure 2) in March 2005 to better define the vertical and horizontal extent of contamination. Surface grab sediment samples were collected at five locations at Manton Pond (Figure 3) in April 2005 to better define the horizontal extent of dioxin contamination at Manton Pond.

Sample IDs, collection dates, and analysis parameters are summarized in Tables 2 through 5 (Lyman Mill Pond investigation) and Table 6 (Manton Pond investigation).

Lyman Mill Pond – Sediment cores were collected at Lyman Mill Pond in March 2005 using vibracoring methods. Two cores were collected at each of 10 locations (Figure 2); one core was used for chemical testing and the second core was used for radiometric age dating. Cores ranged from 2.8 ft to 6.6 ft in length. Sediment cores were transported to the U.S. EPA laboratory in Narragansett, Rhode Island for processing. The sediment cores were visually described (core logs provided in Appendix A), photo-documented and sub-sampled for chemical, radioisotope and geotechnical testing. Three samples were collected from each chemistry core for dioxin/furan analysis; one surface sample, one mid-depth sample, and one deep sample that is expected to be below the level of site-related contamination (Table 2). Surface samples were also analyzed for polychlorinated biphenyls (PCB, as Aroclor), pesticides, polycyclic aromatic hydrocarbons (PAH) and metals (including mercury and methylmercury) (Table 2). Selected archive samples from the May 2003 investigation (sediment cores) were removed from frozen storage and analyzed for dioxin/furans, PCB, pesticides, PAH and metals (Table 3). The U.S. Army Corps of Engineers (USACE) selected a sub-set of the March 2005 sediment core samples for geotechnical testing (Table 4) based on the review of the preliminary dioxin results. Radiometric age dating was conducted on four sediment cores collected in March 2005 (Table 5).

Sample collection, core processing and analyses were conducted according to the approved work plan (Battelle, 2005a) and project QAPP (Battelle, 2005b), except

- Selected samples were analyzed for specific gravity at the request of USACE. Sample testing was conducted according to ASTM D854.
- At the direction of USACE, laboratory duplicates were not analyzed for geotechnical parameters.
- Selected sediment samples were analyzed for ^{137}Cs and sulfur at the request of USACE Environmental Research and Development Center (ERDC). Sulfur results were reported directly to USACE ERDC; these data will not be loaded into the CMRP database.

Sediment results for chemicals of concern that contribute to human health and ecological risk are summarized in Tables 7 through 9.

Manton Pond Investigation – Surface sediment grab samples were collected at Manton Pond in April 2005 using a modified 0.04 m^3 VanVeen grab sampler (Figure 3, Table 6). All samples were collected and analyzed for dioxin/furans according to the approved work plan (Battelle, 2005c) and project QAPP (Battelle, 2005b). Dioxin results are summarized in Table 7.

RESULTS

This report is organized in seven sections and one appendix, as follows:

Section 1—Dioxin/Furan Results
Section 2—PAH Results
Section 3—PCB/Pesticide Results
Section 4—Metals Results
Section 5—Radiometric Age Dating Results
Section 6—Geotechnical Results
Section 7—Third Party Validation Reports
Appendix A—Core Logs, Lyman Mill Pond Sediment Investigation

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Sections one through six of this document is organized as follows:

1. A QA/QC narrative, which includes a discussion of the QC results and a description of the measurement performance criteria (MPC) exceedances and the impact, if any, the exceedances may have on the overall field sample data.

2. Summary report tables for all field and QA/QC samples. Data for authentic samples are presented on a dry weight concentration basis. QC samples are presented on a concentration (blanks and laboratory duplicates), recovery (LCS, MS, MSD) and/or percent difference (SRM) basis. All report tables follow EDD reporting format requirements.

Chemistry results were evaluated against the MPC identified in the project QAPP(s), and data qualifiers were applied when the analytical MPCs were exceeded.

All data have been loaded into the Centredale database.

VALIDATION SUMMARY

Laboratory data generated for this study received internal verification and validation by the Quality Assurance (QA) officers from each participating laboratory (Table 10). All data, excluding geotechnical and radiometric age data, were then finalized through third party validation, which was conducted by USEPA Region 1 and Environmental Standards of Valley Forge, PA.

The samples for dioxin/furan analyses were validated by USEPA Region 1 at a Tier III level using first the criteria in the Centredale Manor Tasks 19-22 QAPP (Battelle 2001) that included the QAPP Addendum (Battelle 2002a) and the QAPP Errata Sheet (Battelle 2002b), and also included the criteria in EPA Method 1613B, September 15, 1997, defaulting next to *Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/2003).

PCB, pesticide, PAH, and metals results were validated by Environmental Standards of Valley Forge, PA at a Tier II level in accordance with the *Region I, EPA New England Data Validation Functional Guidelines for Evaluating Environmental Analyses* (US EPA, 12/1996), the *Centredale Manor Restoration Project Site Final Quality Assurance Project Plan (QAPP) – Addendum to Tasks 19-22 QAPP* (Battelle, 2002a), and the *Errata to Centredale Manor Tasks 19-22 Quality Assurance Project Plan – Addendum* (Battelle, 2002b).

In general, the validator fields in the final, validated EDDs (e.g., FINAL_RESULT) are only populated for study samples, not internal laboratory QC samples (e.g., blank, LCS, or duplicate). Updating the validator fields for internal laboratory QC samples is not a required element of third party validation.

Correctable deficiencies have been addressed. Specific details of the validation findings are presented in Section 7.

REFERENCES

Battelle, 2001. Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-96-D-0005, Delivery Order No. 59. May 23, 2001. 509 pp + apps.

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Battelle, 2002a. Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support – Addendum. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. September 27, 2002. 218 pp + apps

Battelle, 2002b. Errata to Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support – Addendum. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. November 6, 2002. 6 pp.

Battelle, 2004a. Final Work Plan, Surface Water Collection at Upstream and Downstream Locations, Centredale Manor Restoration Project Superfund Site. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. December, 2004. 6 pp.

Battelle, 2004b. Final Technical Memorandum, Sediment Stability Study, Centredale Manor Restoration Project Superfund Site. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. November, 2004.

Battelle, 2005a. Final Field Sampling Plan, Task RI-13 Lyman Mill Pond Sediment Investigation, Centredale Manor Restoration Project Superfund Site. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. March, 2005. 23 pp + apps.

Battelle, 2005b. Tasks 19-22 Quality Assurance Project Plan for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support – Addendum 3. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. March, 2005. 182 pp + apps

Battelle, 2005c. Final Work Plan, Sediment Collection at Manton Pond, Centredale Manor Restoration Project Superfund Site. Prepared under contract for U.S. Army Corps of Engineers North Atlantic Division, New England. Contract No. DACW33-01-D-0004, Delivery Order No. 01. April, 2005. 4 pp.

USEPA, 1996. Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses, U.S. EPA-New England, Region I Quality Assurance Unit Staff, Office of Environmental Measurement and Evaluation, December 1996 Revision.

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If you have any questions regarding this report, please contact Deirdre Dahlen at (781) 952-5253.

Sincerely,

Theresa Himmer
Sr. Technician

Lisa Lefkovitz
Program Manager

encl.

cc: A. Krasko, USEPA (3 copies)
C. Rosiu, USEPA
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S. Stodola, USEPA
M. Corcoran, USACE/ERDC
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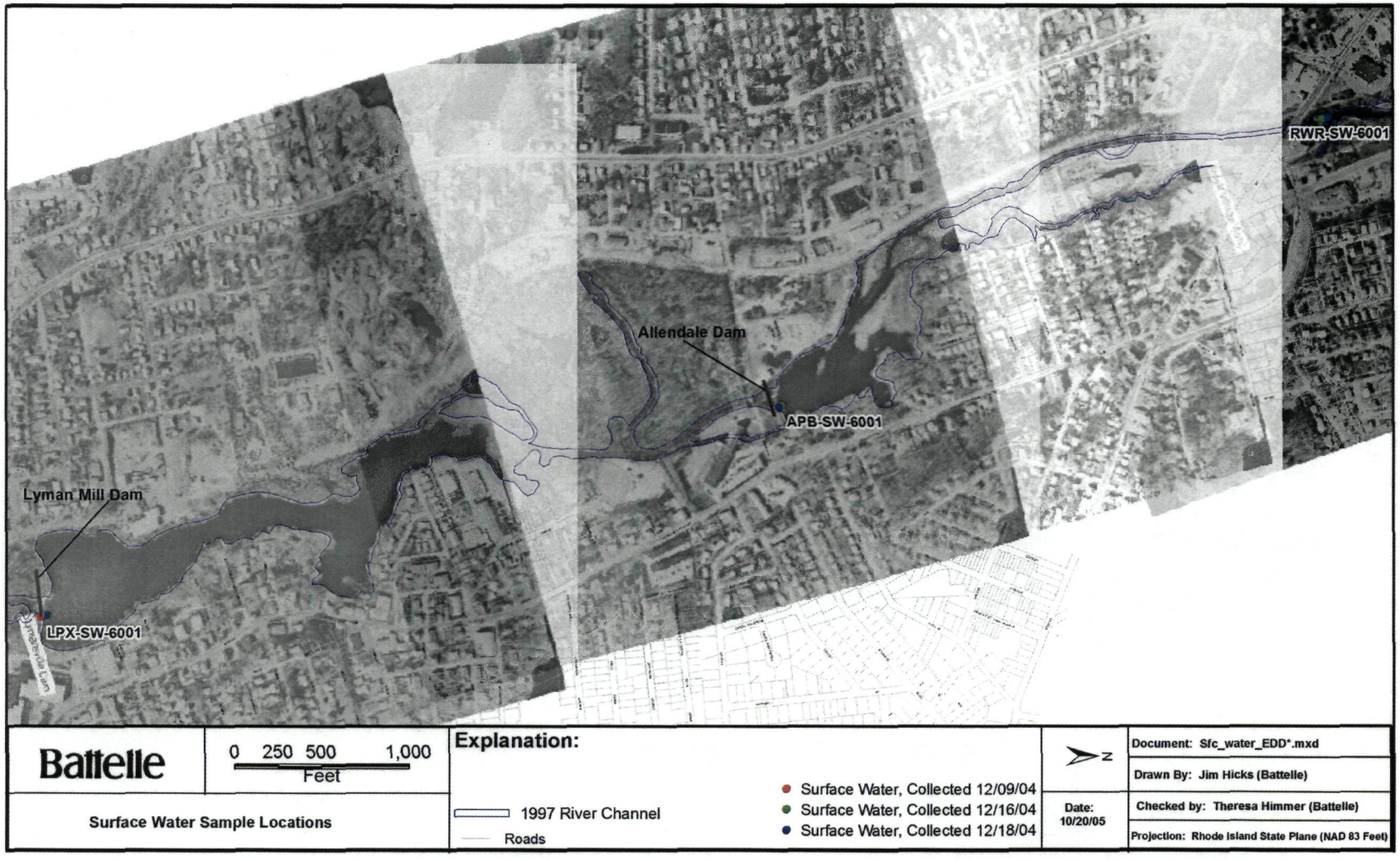


Figure 1. Surface Water Samples Locations, December 2004.

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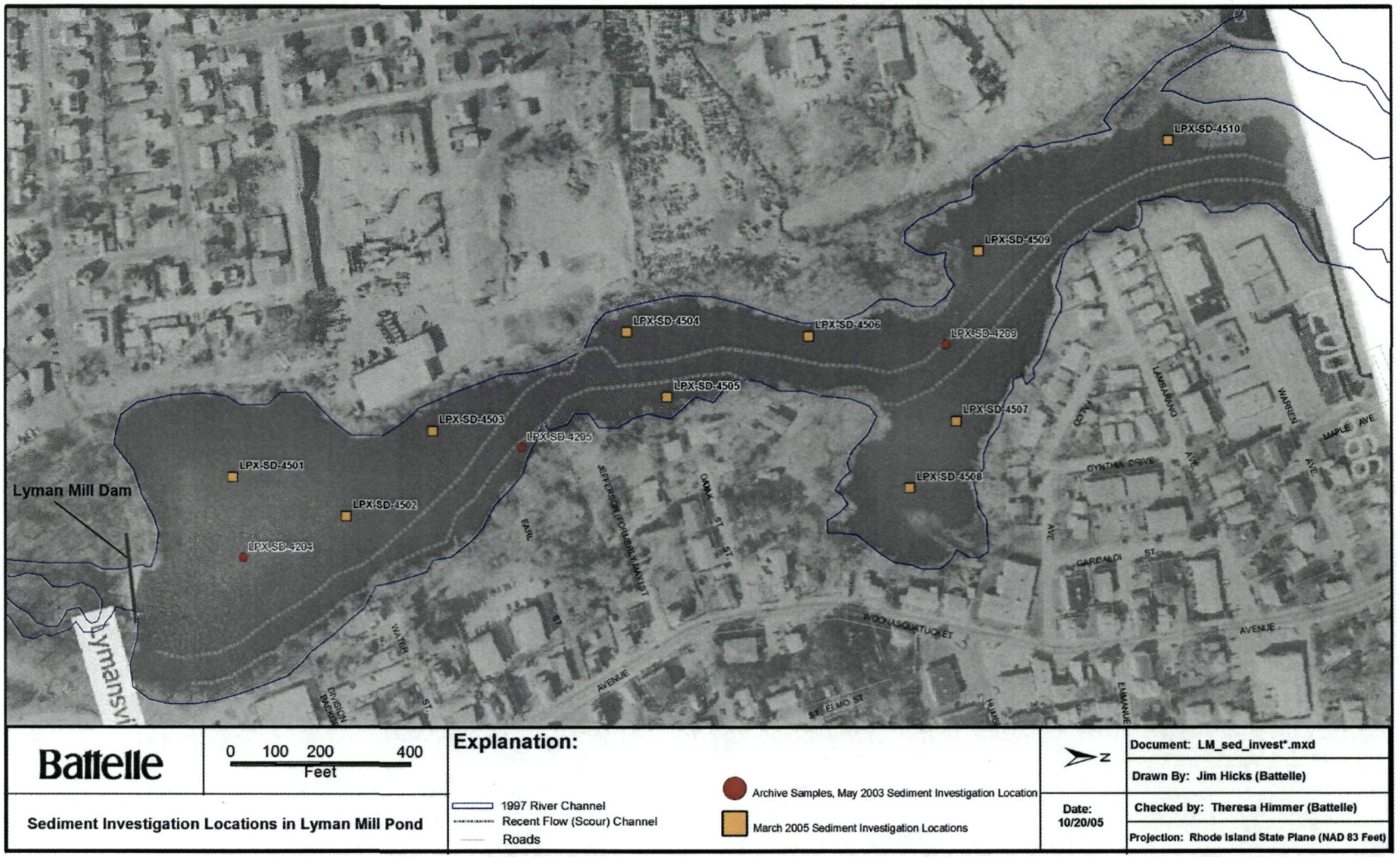


Figure 2. Lyman Mill Pond Sediment Core Locations, March 2005 and Archive Samples from May 2003.

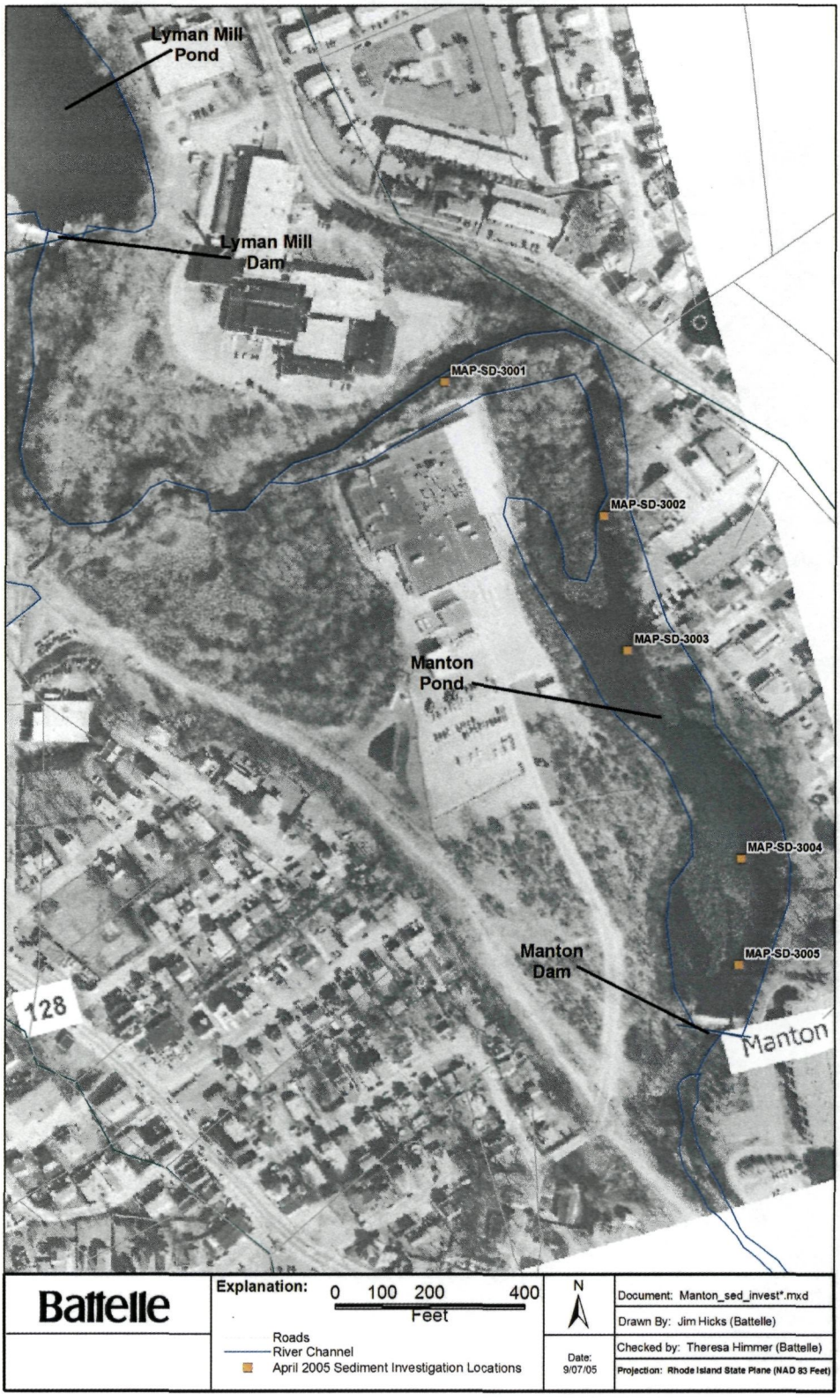


Figure 3. Manton Pond Sediment Locations, April 2005.

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Table 1. Surface Water Samples Collected at the CMRP Site, December 2004.

Sample ID	Sample Location	Collection Date	Laboratory Sample ID
RWR-SW-6001-0000-01	Upstream	9-Dec-04	49715-80-10
RWR-SW-6001-0000-02		16-Dec-04	49715-80-03
RWR-SW-6001-0000-03		18-Dec-04	49715-80-07
APB-SW-6001-0000-01	Allendale Dam	9-Dec-04	49715-80-09
APB-SW-6001-0000-02		16-Dec-04	49715-80-11
APB-SW-6001-0000-03		18-Dec-04	49715-80-06
LPX-SW-6001-0000-01	Lyman Mill Dam	9-Dec-04	49715-80-08
LPX-SW-6001-0000-02		16-Dec-04	49715-80-02
LPX-SW-6001-0000-03		18-Dec-04	49715-80-05

Table 2. Sediment Core Samples Collected at Lyman Mill Pond, March 2005.

Boring ID	Collection Date	Depth Interval (ft)	Laboratory Sample ID				
			Dioxin/ Furan	PCB/ Pesticide	PAH	Metals	Mercury/ Methylmercury
LPX-SD-4501	30-Mar-05	0.0-0.5	50971-02-02	S7437-P	S7437-P	D0403-01A	2388-1
		1.2-1.3	50971-02-03	– (a)	–	–	–
		2.4-2.5	49715-86-03	–	–	–	–
LPX-SD-4502	31-Mar-05	0.0-0.5	50971-11-04	S7369-P	S7369-P	D0403-02A	2388-2
		1.2-1.3	50971-02-04	–	–	–	–
		2.4-2.5	49715-86-04	–	–	–	–
LPX-SD-4503	31-Mar-05	0.0-0.5	50971-11-02	S7370-P	S7370-P	D0403-03A	2388-3 r1
		1.2-1.3	50971-11-03	–	–	–	–
		2.4-2.5	49715-86-02	–	–	–	–
LPX-SD-4504	31-Mar-05	0.0-0.5	50971-02-05	S7371-P	S7371-P	D0403-04A	2388-4
		1.2-1.3	50971-11-05	–	–	–	–
		2.4-2.5	49715-86-05	–	–	–	–
LPX-SD-4505	30-Mar-05	0.0-0.5	50971-11-06	S7372-P	S7372-P	D0403-05A	2388-5
		1.2-1.3	50971-02-06	–	–	–	–
		2.4-2.5	50971-02-07	–	–	–	–
LPX-SD-4506	30-Mar-05	0.0-0.5	50971-02-08	S7373-P	S7373-P	D0403-06A	2388-6
		1.2-1.3	50971-02-09	–	–	–	–
		2.4-2.5	50971-02-10	–	–	–	–
LPX-SD-4507	30-Mar-05	0.0-0.5	50971-11-07	S7374-P	S7374-P	D0403-07A	2388-7 r1
		1.2-1.3	50971-02-11	–	–	–	–
		2.4-2.5	49715-86-08	–	–	–	–
LPX-SD-4508	30-Mar-05	0.0-0.5	50971-11-08	S7375-P	S7375-P	D0403-08A	2388-8
		1.2-1.3	50971-02-12	–	–	–	–
		2.4-2.5	49715-86-09	–	–	–	–
LPX-SD-4509	30-Mar-05	0.0-0.5	50971-02-13	S7376-P	S7376-P	D0403-09A	2388-9
		1.2-1.3	50971-02-14	–	–	–	–
		2.4-2.5	49715-86-10	–	–	–	–
LPX-SD-4510	30-Mar-05	0.0-0.5	50971-11-10	S7377-P	S7377-P	D0403-10A	2388-10
		1.2-1.3	50971-02-15	–	–	–	–
		2.4-2.5	50971-02-16	–	–	–	–

(a) Analysis not required.

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Table 3. Archived Sediment Core Samples Collected at Lyman Mill Pond, May 2003.

Boring ID	Collection Date	Depth Interval (ft)	Laboratory Sample ID				
			Dioxin/ Furan	PCB/ Pesticide	PAH	Metals	Mercury/ Methylmercury
LPX-SD-4204	8-May-03	1.1-1.2	50971-02-18	– (a)	–	–	–
		2.35-2.45	49715-86-12	–	–	–	–
		0.0-0.5 (b)	50971-11-11	S7378-P	S7378-P	D0403-11A	2388-11
LPX-SD-4205	8-May-03	1.3-1.4	50971-02-19	–	–	–	–
		2.4-2.5	49715-86-14	–	–	–	–
		0.0-0.5 (c)	50971-02-17	S7438-P	S7438-P	D0403-12A	2388-12
LPX-SD-4209	9-May-03	2.45-2.55	49715-86-15	–	–	–	–

(a) Analysis not required.
(b) Depth interval (0.0-0.5 ft) represents a composite of two archived samples from this boring. The depth interval from 0.0-0.1 ft was combined with that of 0.3-0.4 ft.
(c) Depth interval (0.0-0.5 ft) represents a composite of two archived samples from this boring. Sediment from the depth interval from 0.0-0.1 ft was combined with that of 0.4-0.5 ft.

Table 4. Sediment Core Samples Selected for Geotechnical Testing, Lyman Mill Pond, March 2005.

Boring ID	Collection Date	Depth Interval (ft)	Laboratory Sample ID	Geotechnical Parameter			
				Atterberg Limits	Grain Size	Specific Gravity	%Solids
LPX-SD-4501	30-Mar-05	0.5-1.9	22752	X	X	X	X
		1.9-2.3		– (a)	–	–	X
LPX-SD-4502	31-Mar-05	0.5-2.9	22754	–	–	–	X
LPX-SD-4503	31-Mar-05	0.5-3.3	22755	–	–	X	X
LPX-SD-4504	31-Mar-05	0.5-3.0	22756	–	–	–	X
LPX-SD-4505	30-Mar-05	0.5-3.9	22757	X	X	X	X
LPX-SD-4506	30-Mar-05	0.5-4.3	22758	X	X	–	X
LPX-SD-4507	30-Mar-05	0.5-3.5	22759	X	X	–	X
LPX-SD-4508	30-Mar-05	0.5-1.5	22760	–	–	–	X
LPX-SD-4509	30-Mar-05	0.5-1.0	22761	–	–	X	X
		1.0-1.8		X	X	X	X
LPX-SD-4510	30-Mar-05	0.5-3.3	22763	X	X	X	X

X, Geotechnical testing required.
(a) Analysis not required.

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Table 5. Sediment Core Samples Selected for Radiometric Age Dating, Lyman Mill Pond, March 2005.

Boring ID	Collection Date	Depth Interval (ft)	Laboratory Sample ID
LPX-SD-4502	31-Mar-05	0.0-0.1	L25494-1
		0.2-0.3	L25494-2
		0.4-0.5	L25494-3
		0.6-0.7	L25494-4
		0.8-0.9	L25494-5
		1.0-1.1	L25494-6
		1.2-1.3	L25494-8
		1.4-1.5	L25494-9
		1.6-1.7	L25494-10
		1.8-1.9	L25494-11
		2.0-2.1	L25494-12
		2.2-2.3	L25494-13
		2.4-2.5	L25494-14
		2.6-2.7	L25494-15
		2.8-2.9	L25494-16
LPX-SD-4503	31-Mar-05	0.0-0.1	L25494-17
		0.2-0.3	L25494-18
		0.4-0.5	L25494-19
		0.6-0.7	L25494-20
		0.8-0.9	L25495-1
		1.0-1.1	L25495-2
		1.2-1.3	L25495-3
		1.4-1.5	L25495-5
		1.6-1.7	L25495-6
		1.8-1.9	L25495-7
		2.0-2.1	L25495-8
		2.2-2.3	L25495-9
		2.4-2.5	L25495-10
		2.6-2.7	L25495-11
		2.8-2.9	L25495-12
LPX-SD-4509	30-Mar-05	0.0-0.1	L25495-13
		0.2-0.3	L25495-14
		0.4-0.5	L25495-15
		0.6-0.7	L25495-16
		0.8-0.9	L25495-17
		1.0-1.1	L25495-18
		1.2-1.3	L25495-19
		1.4-1.5	L25495-20
		1.6-1.7	L25496-1
		1.8-1.9	L25496-2
		2.0-2.1	L25496-3
		2.2-2.3	L25496-4
		2.5-2.6	L25496-5
		2.7-2.8	L25496-6
		2.9-3.0	L25496-7

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Table 5. Sediment Core Samples Selected for Radiometric Age Dating, Lyman Mill Pond, March 2005. (cont)

Boring ID	Collection Date	Depth Interval (ft)	Laboratory Sample ID
LPX-SD-4510	30-Mar-05	0.5-0.6	L25496-8
		0.7-0.8	L25496-9
		0.9-1.0	L25496-10
		1.1-1.2	L25496-11
		1.3-1.4	L25496-12
		1.5-1.6	L25496-13
		1.7-1.8	L25496-14
		1.9-2.0	L25496-15
		2.1-2.2	L25496-16
		2.3-2.4	L25496-17
		2.5-2.6	L25496-18
		2.7-2.8	L25496-19
		2.9-3.0	L25496-20

Table 6. Surface Sediment Samples Collected at Manton Pond, April 2005.

Boring ID	Collection Date	Laboratory Sample ID
MAP-SD-3001	11-Apr-05	50971-11-12
MAP-SD-3002	11-Apr-05	50971-11-13
MAP-SD-3003	11-Apr-05	50971-11-14
MAP-SD-3004	11-Apr-05	50971-11-15
MAP-SD-3005	11-Apr-05	50971-11-16

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Table 7. Summary of Dioxin Concentrations (2,3,7,8-TCDD and calculated TEQ) in Sediment. Data reported in nanograms per kilogram (ng/kg) dry weight.

Boring ID	Depth Interval (ft)	2,3,7,8 TCDD	Qualifier	TEQ
Lyman Mill Pond				
LPX-SD-4204	0.0-0.5	5,690		5,740
	1.1-1.2	70.2		210
	2.35-2.45	0.07	U	
LPX-SD-4205	0.0-0.5	5,770		5,840
	1.3-1.4	19,100		19,200
	2.4-2.5	49,400	J	49,700
LPX-SD-4209	2.45-2.55	54.3		54.7
LPX-SD-4501	0.0-0.5	5,270		5,330
	1.2-1.3	408		544
	2.4-2.5	0.39		0.39
LPX-SD-4502	0.0-0.5	3,070		3,100
	1.2-1.3	2,490		2,540
	2.4-2.5	30.4		35.7
LPX-SD-4503	0.0-0.5	3,900		3,940
	1.2-1.3	3,270		3,320
	2.4-2.5	31.7		34.6
LPX-SD-4504	0.0-0.5	5,680		5,740
	1.2-1.3	4,340		4,400
	2.4-2.5	41		130
LPX-SD-4505	0.0-0.5	4,590		4,650
	1.2-1.3	5,400		5,450
	2.4-2.5	3,770		3,850
LPX-SD-4506	0.0-0.5	12,400	J	12,400
	1.2-1.3	3,310		3,350
	2.4-2.5	9.65	U	15.3
LPX-SD-4507	0.0-0.5	2,150		2,170
	1.2-1.3	5,250		5,300
	2.4-2.5	7.73		9.82
LPX-SD-4508	0.0-0.5	1,140		1,200
	1.2-1.3	142		144
	2.4-2.5	0.56		0.57
LPX-SD-4509	0.0-0.5	10,100		10,200
	1.2-1.3	184		191
	2.4-2.5	1.37		1.48
LPX-SD-4510	0.0-0.5	45,700	J	45,700
	1.2-1.3	23,600	J	23,800
	2.4-2.5	8.14	U	167
Manton Pond				
MAP-SD-3001	0.0-0.5	95.7		96.8
MAP-SD-3002	0.0-0.5	122		123
MAP-SD-3003	0.0-0.5	16.1		16.3
MAP-SD-3004	0.0-0.5	27.9		28.2
MAP-SD-3005	0.0-0.5	48.7		49.1

TEQ, Toxic Equivalency Quotient
U, Not detected; J, Estimate value.

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Table 8. Summary of Pesticide, PAH and PCB Concentrations in Surface Sediment (0.0-0.5 ft). Data reported in micrograms per kilogram (µg/kg) dry weight.

Boring ID	4,4'-DDD		4,4'-DDE		Dieldrin		Technical Chlordane		Benzo(a) pyrene		Dibenz(a,h) Anthracene		Aroclor 1254		Aroclor 1268		Total Aroclor
LPX-SD-4204	12.5	J	20.2	J	0.46	UJ	209	J	2,580	J	652	J	1,290	J	46.7	UJ	1,290
LPX-SD-4205	23.3	J	32.1	J	1.69	UJ	388	J	4,440	J	1,140	J	2,050	J	173	UJ	2,050
LPX-SD-4501	17.7		41.2	J	0.53	U	237		3,160		906		1,650		53.3	U	1,650
LPX-SD-4502	10		17.6		0.28	U	135		1,930		492		969		29	U	969
LPX-SD-4503	15.3		26.9		0.48	U	188		2,840		725		1,440		48.4	U	1,440
LPX-SD-4504	19.8	J	45	J	0.37	U	230	J	3,080		806		1,320	J	37.3	U	1,320
LPX-SD-4505	15.2	J	32.2	J	0.32	U	244	J	2,660		703		2,060	J	32.6	U	2,060
LPX-SD-4506	24.3	J	46.2	J	0.31	U	191	J	2,480		665		1,390	J	31.6	U	1,390
LPX-SD-4507	7.97		12.6		0.28	U	136		1,860		483		999		28.2	U	999
LPX-SD-4508	14.8	J	17.7	J	0.24	U	429	J	4,770		1,230		496	J	24.5	U	496
LPX-SD-4509	26.5		33.6		0.34	U	250		3,350		883		2,570		34.4	U	2,570
LPX-SD-4510	17.6	J	25.8	J	0.33	U	266	J	3,660		1,030		2,030	J	34	U	2,030

U, Not detected; J, Estimate value.
Total Aroclor is the sum of the detected Aroclors.

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Table 9. Summary of Metals Concentrations in Surface Sediment (0.0-0.5 ft). Data reported in milligrams per kilogram (mg/kg) dry weight.

Boring ID	Aluminum		Arsenic		Barium		Cadmium		Methyl mercury		Selenium		Vanadium		Zinc	
LPX-SD-4204	4,030	J	2.4	U	74	J	1.1	J	1.25	J	1.2	UJ	11	J	201	J
LPX-SD-4205	10,900	J	6.2	J	249	J	3.3	J	1.51	J	1.2	UJ	31	J	602	J
LPX-SD-4501	8,680		5.3	U	159		2.7	J	1.92		3.6	UJ	20.3		471	
LPX-SD-4502	12,200		8.6	U	157		1.7	J	0.989		3.3	UJ	29.6		320	
LPX-SD-4503	10,000		6.5	U	183		2.3	J	1.06		3.2	UJ	24.2		439	
LPX-SD-4504	11,900		7	U	313		2.7	J	1.37		3.1	UJ	31.2		507	
LPX-SD-4505	11,300		7.4	U	222		3.2	J	0.853		3.6	UJ	30.8		613	
LPX-SD-4506	8,190		5	U	170		2	J	0.495		2.9	UJ	22.1		360	
LPX-SD-4507	11,500		14.3		151		1.4	J	0.458		2.9	UJ	33.4		311	
LPX-SD-4508	5,450		3	U	80.7		1.1	J	0.72		2.4	UJ	13.4		220	
LPX-SD-4509	11,500		8.6	U	255		3.4	J	1.68		3	UJ	39		754	
LPX-SD-4510	7,740		4.8	U	178		2.7	J	1.27		2.9	UJ	20.8		462	

U, Not detected; J, Estimate value.

Table 10. Identification of Participating Laboratories and Data Validators.

Analysis Parameters	Laboratory	Third Party Validator
Dioxin/Furans	Battelle, Columbus, OH	USEPA Region 1
PCB/Pesticides	Battelle, Duxbury, MA	Environmental Standards
PAH	Battelle, Duxbury, MA	
Metals	Mitkem, Warwick, RI	
Mercury and Methylmercury	Battelle, Sequim, WA	
Geotechnical	Applied Marine Sciences (AMS), League City, TX	Not applicable
Radiometric Chemistry	Teledyne Brown Engineering, Knoxville, TN	Not applicable

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Section 1
Dioxin/Furan Results

Surface Water

DIOXIN/FURAN SURFACE WATER QA/QC SUMMARY
QC Batch 49715-80

PROJECT: USACE New England District Delivery Order #13 Centredale

PARAMETER: Dioxin/Furan by High Resolution Mass Spectrometry (HRMS)

LABORATORY: Battelle, Columbus, OH

MATRIX: Surface water

SAMPLE CUSTODY: Eleven jars of surface water samples, nine jars containing field samples and two jars containing samples to be used for quality control (QC) samples, were received at Battelle Columbus on December 22, 2004 in two coolers. Samples were received in good condition and the cooler temperatures upon receipt were 1.7°C and 1.1°C, respectively.

QA/QC MEASUREMENT PERFORMANCE CRITERIA (MPC):

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL (pg/L)	Project Goals [c] (pg/L)
Dioxin/ Furan/	L-23 Battelle SOP ASAT.II-001-02	<5× MDL, or associated samples >5× blank values (>10× blank values for OCDD, OCDF and totals)	25-150% Recovery	*LCS:* Method 1613B, Table 6 OPR[a] *MS/MSD:* 50-120% Recovery [b]	Not appli-cable	≤30% RPD[b]	TCDD = 1	TCDD = 10; Not applicable for other congeners

[a] Method 1613B, Table 6 OPR requirements documented on LCS summary report table.

[b] Analyte concentration in MS/MSD must be >5× background concentration to be used for data quality assessment.

[c] Based on Chronic Ambient Water Quality Criteria

METHOD: Surface water samples were processed and analyzed for seventeen 2,3,7,8-substituted polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF) following general procedures in EPA Method 1613, Revision B as outlined in the Final Quality Assurance Project Plan Addendum, Interim Data Collection, Centredale Manor Restoration Project Site (QAPP Addendum; September 2002) and as summarized below.

Sample Preparation – The nine samples were processed in BATCH 49715-80. The water samples were visually inspected for solids and determined to contain less than 1 percent solids and, therefore, did not require filtering. The nine groundwater samples, the laboratory method blank, the laboratory control spike (LCS or OPR), the matrix spike (MS), and the matrix spike duplicate (MSD) were transferred into individual 2-L muffled separatory funnels, and the internal standard was added to each sample. Matrix spike standard was added to the LCS, MS, and MSD samples. Each separatory funnel had 60 mL of methylene chloride added to it, each was shaken for two minutes, and then the methylene chloride layer was drained through 10-15 g of sodium sulfate into a round bottom (RB) flask. This process was repeated two times. Each extract was

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METHOD (cont):

spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the concentration and cleanup procedures. The extracts were concentrated down to approximately 30 mL. Each extract was transferred into individual turbotubes, along with three 6-mL hexane rinses of the RB flasks and then concentrated to approximately 4 mL using a Turbovap. Each extract was processed through acid/base silica and carbon cleanup columns. The water samples were spiked with 1,2,3,4-TCDD-$^{13}C_{12}$ and 1,2,3,7,8,9-HxCDD-$^{13}C_{12}$ recovery standards and concentrated to a final volume of 20 µL.

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

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 MS, and one MSD.

2. The GC/HRMS instrumentation was calibrated for PCDD/PCDF at levels specified in Method 1613 two additional calibration standards at concentrations equivalent to $^1/_{10}$ and 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 volume of 1 L and a final sample volume of 20 µL: 1.0 to 4,000 pg/L for tetra compounds, 5 to 20,000 pg/L for penta through hepta compounds, and 10 to 40,000 pg/L for octa compounds.

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

HOLDING TIMES:

Samples were prepared for analysis in one analytical batch. Samples were extracted within 5 days of receipt at the laboratory and analyzed within 2 weeks of extraction.

Batch	Extraction Date	Analysis Date
49715-80	12/27/2004	01/04-05/2005

DETECTION LIMITS:

Dioxin/furan results are reported relative to the sample-specific estimated detection limits (EDL), as follows:

- Non-detects are reported as the EDL and U flagged.
- Compounds detected at a concentration below the EDL are reported and J flagged.

Sample-specific EDLs were determined as described in the QAPP (Battelle, 2002). The sample-specific EDL is defined as the concentration of a given analyte required to produce a signal with a peak height of at least 2.5 times the background signal level. The sample-specific RL is based on the low calibration standard and adjusted for sample specific processing factors and volumes.

Achieved detection limits met Project Action Goals.

Analyte peaks which did not meet all identification criteria are reported as estimated maximum possible concentrations (EMPC) and flagged "K".

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DIOXIN/FURAN SURFACE WATER QA/QC SUMMARY
QC Batch 49715-80

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

49715-80 – The method blank exhibited low-level contamination for the majority of analytes; however, the levels detected were below the reporting level. Sample values detected at levels below the blank action level will be qualified as non-detected (U, UJ) on the final, validated EDD report tables.

LABORATORY CONTROL SAMPLE: One LCS was prepared with the analytical batch. The percent recoveries of target compounds were calculated to measure data quality in terms of accuracy.

49715-80 – No exceedences.

The LCS sample met the criteria found in Table 6 of Method 1613, Revision B for PCDD/PCDF, and ranged from 91 to 107%.

MATRIX SPIKES: One MS/MSD sample set was prepared with the batch. The percent recoveries of target compounds in the MS and MSD were calculated to measure data quality in terms of accuracy; the relative percent difference (RPD) between MS and MSD percent recoveries were calculated to measure data quality in terms of precision.

49715-80 – No exceedences.

The matrix spike and matrix spike duplicate recoveries for all analytes were within the 50-120% MPC, and ranged from 88 to 108%. The RPD between MS/MSD percent recoveries also were within the ≤30% MPC, and ranged from 0.4 to 8.3%.

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

49715-80 – No exceedences.

Recoveries of internal standards were within 25-150% MPC for all analytes in all samples.

REFERENCES: Final Quality Assurance Project Plan Addendum, Interim Data Collection, Centredale Manor Restoration Project Site (QAPP Addendum; September 2002).

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NSAMPLE	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-80-14	2,3,7,8-TCDD	49715-80-14	1746-01-6	0.29	J	PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,7,8-PeCDD	49715-80-14	40321-76-4	0.78		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,4,7,8-HxCDD	49715-80-14	39227-28-6	1.07		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,6,7,8-HxCDD	49715-80-14	57653-85-7	1.03		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,7,8,9-HxCDD	49715-80-14	19408-74-3	0.98		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,4,6,7,8-HpCDD	49715-80-14	35822-46-9	1.71		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	OCDD	49715-80-14	3268-87-9	5.60		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	2,3,7,8-TCDF	49715-80-14	51207-31-9	0.27	JK	PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,7,8-PeCDF	49715-80-14	57117-41-6	1.51		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	2,3,4,7,8-PeCDF	49715-80-14	57117-31-4	1.26		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,4,7,8-HxCDF	49715-80-14	70648-26-9	1.47		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,6,7,8-HxCDF	49715-80-14	57117-44-9	1.00		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,7,8,9-HxCDF	49715-80-14	72918-21-9	0.91		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	2,3,4,6,7,8-HxCDF	49715-80-14	60851-34-5	1.16		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,4,6,7,8-HpCDF	49715-80-14	67562-39-4	1.19		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	1,2,3,4,7,8,9-HpCDF	49715-80-14	55673-89-7	1.09		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	OCDF	49715-80-14	39001-02-0	2.11		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Tetra-Furans	49715-80-14	55722-27-5	0.27	JK	PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Tetra-Dioxins	49715-80-14	41903-57-5	0.29	J	PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Penta-Furans	49715-80-14	30402-15-4	2.77		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Penta-Dioxins	49715-80-14	36088-22-9	0.78		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Hexa-Furans	49715-80-14	55684-94-1	4.54		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Hexa-Dioxins	49715-80-14	34465-46-8	3.14		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Hepta-Furans	49715-80-14	38998-75-3	2.49		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	Total Hepta-Dioxins	49715-80-14	37871-00-4	2.36		PG/L		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-2,3,7,8-TCDD	49715-80-14	76523-40-5	56		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,7,8-PeCDD	49715-80-14	109719-79-1	62		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,4,7,8-HxCDD	49715-80-14	109719-80-4	82		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,6,7,8-HxCDD	49715-80-14	109719-81-5	86		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,4,6,7,8-HpCDD	49715-80-14	109719-83-7	88		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-OCDD	49715-80-14	114423-97-1	84		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-2,3,7,8-TCDF	49715-80-14	89059-46-1	47		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,7,8-PeCDF	49715-80-14	109719-77-9	50		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-2,3,4,7,8-PeCDF	49715-80-14	116843-02-8	62		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,4,7,8-HxCDF	49715-80-14	114423-98-2	74		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,6,7,8-HxCDF	49715-80-14	116843-03-9	73		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,7,8,9-HxCDF	49715-80-14	116843-04-0	71		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-2,3,4,6,7,8-HxCDF	49715-80-14	116843-05-1	79		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,4,6,7,8-HpCDF	49715-80-14	116843-09-5	78		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	13C-1,2,3,4,7,8,9-HpCDF	49715-80-14	109719-94-0	77		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04
49715-80-14	37Cl-2,3,7,8-TCDD	49715-80-14	85508-50-5	58		PCT_REC		49715-80	BCO	49715-80-14		27-Dec-04

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49715-80-14	4-Jan-05	MOD 1613B				1			3	MB			

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NSAMPLE	PARAMETER	SAMPLE_ID	CAS_NO	RESULT	LAB_QUAL	UNITS	QC_LEVEL	LAB	LAB_ID	PREP_DATE	ANALYSIS_DATE
LPX-SW-6001-0000-02	2,3,7,8-TCDD	LPX-SW-6001-0000-02	1746-01-6	3.42		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,7,8-PeCDD	LPX-SW-6001-0000-02	40321-76-4	0.25	J	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,4,7,8-HxCDD	LPX-SW-6001-0000-02	39227-28-6	0.37		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,6,7,8-HxCDD	LPX-SW-6001-0000-02	57653-85-7	0.34		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,7,8,9-HxCDD	LPX-SW-6001-0000-02	19408-74-3	0.32		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,4,6,7,8-HpCDD	LPX-SW-6001-0000-02	35822-46-9	3.58		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	OCDD	LPX-SW-6001-0000-02	3268-87-9	23.58		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	2,3,7,8-TCDF	LPX-SW-6001-0000-02	51207-31-9	0.26	U	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,7,8-PeCDF	LPX-SW-6001-0000-02	57117-41-6	0.47	U	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	2,3,4,7,8-PeCDF	LPX-SW-6001-0000-02	57117-31-4	0.40	U	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,4,7,8-HxCDF	LPX-SW-6001-0000-02	70648-26-9	0.64		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,6,7,8-HxCDF	LPX-SW-6001-0000-02	57117-44-9	0.24	J	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,7,8,9-HxCDF	LPX-SW-6001-0000-02	72918-21-9	0.39	U	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	2,3,4,6,7,8-HxCDF	LPX-SW-6001-0000-02	60851-34-5	0.23	J	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,4,6,7,8-HpCDF	LPX-SW-6001-0000-02	67562-39-4	1.58		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	1,2,3,4,7,8,9-HpCDF	LPX-SW-6001-0000-02	55673-89-7	0.30	J	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	OCDF	LPX-SW-6001-0000-02	39001-02-0	2.36		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Tetra-Furans	LPX-SW-6001-0000-02	55722-27-5	0.26	U	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Tetra-Dioxins	LPX-SW-6001-0000-02	41903-57-5	3.42		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Penta-Furans	LPX-SW-6001-0000-02	30402-15-4	0.39	J	PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Penta-Dioxins	LPX-SW-6001-0000-02	36088-22-9	0.73		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Hexa-Furans	LPX-SW-6001-0000-02	55684-94-1	2.18		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Hexa-Dioxins	LPX-SW-6001-0000-02	34465-46-8	1.04		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Hepta-Furans	LPX-SW-6001-0000-02	38998-75-3	3.33		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	Total Hepta-Dioxins	LPX-SW-6001-0000-02	37871-00-4	6.56		PG/L		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-2,3,7,8-TCDD	LPX-SW-6001-0000-02	76523-40-5	78		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,7,8-PeCDD	LPX-SW-6001-0000-02	109719-79-1	75		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,4,7,8-HxCDD	LPX-SW-6001-0000-02	109719-80-4	88		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,6,7,8-HxCDD	LPX-SW-6001-0000-02	109719-81-5	90		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,4,6,7,8-HpCDD	LPX-SW-6001-0000-02	109719-83-7	89		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-OCDD	LPX-SW-6001-0000-02	114423-97-1	85		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-2,3,7,8-TCDF	LPX-SW-6001-0000-02	89059-46-1	64		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,7,8-PeCDF	LPX-SW-6001-0000-02	109719-77-9	66		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-2,3,4,7,8-PeCDF	LPX-SW-6001-0000-02	116843-02-8	74		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,4,7,8-HxCDF	LPX-SW-6001-0000-02	114423-98-2	82		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,6,7,8-HxCDF	LPX-SW-6001-0000-02	116843-03-9	80		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,7,8,9-HxCDF	LPX-SW-6001-0000-02	116843-04-0	79		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-2,3,4,6,7,8-HxCDF	LPX-SW-6001-0000-02	116843-05-1	83		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,4,6,7,8-HpCDF	LPX-SW-6001-0000-02	116843-09-5	81		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	13C-1,2,3,4,7,8,9-HpCDF	LPX-SW-6001-0000-02	109719-94-0	79		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-02	37Cl-2,3,7,8-TCDD	LPX-SW-6001-0000-02	85508-50-5	81		PCT_REC		49715-80	BCO	49715-80-02	22-Dec-04	27-Dec-04

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SAMPLE												
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.46	0.97		1		Lab Login ID = 50226-63-02	3	N	3.42		
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.49	4.83		1		Lab Login ID = 50226-63-02	3	N	0.25	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.19	4.83		1		Lab Login ID = 50226-63-02	3	N	0.37	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.19	4.83		1		Lab Login ID = 50226-63-02	3	N	0.34	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.18	4.83		1		Lab Login ID = 50226-63-02	3	N	0.32	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.29	4.83		1		Lab Login ID = 50226-63-02	3	N	3.58	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.27	9.66		1		Lab Login ID = 50226-63-02	3	N	23.58	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.26	0.97		1		Lab Login ID = 50226-63-02	3	N	0.26	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.47	4.83		1		Lab Login ID = 50226-63-02	3	N	0.47	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.40	4.83		1		Lab Login ID = 50226-63-02	3	N	0.40	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.34	4.83		1		Lab Login ID = 50226-63-02	3	N	0.64	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.35	4.83		1		Lab Login ID = 50226-63-02	3	N	0.24	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.39	4.83		1		Lab Login ID = 50226-63-02	3	N	0.39	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.35	4.83		1		Lab Login ID = 50226-63-02	3	N	0.23	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.31	4.83		1		Lab Login ID = 50226-63-02	3	N	1.58	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.38	4.83		1		Lab Login ID = 50226-63-02	3	N	0.30	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.45	9.66		1		Lab Login ID = 50226-63-02	3	N	2.36	U	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.26	0.97		1		Lab Login ID = 50226-63-02	3	N	0.26	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.46	0.97		1		Lab Login ID = 50226-63-02	3	N	3.42	J	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.43	4.83		1		Lab Login ID = 50226-63-02	3	N	0.39	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.49	4.83		1		Lab Login ID = 50226-63-02	3	N	0.73	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.35	4.83		1		Lab Login ID = 50226-63-02	3	N	2.18	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.19	4.83		1		Lab Login ID = 50226-63-02	3	N	1.04	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.34	4.83		1		Lab Login ID = 50226-63-02	3	N	3.33	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.29	4.83		1		Lab Login ID = 50226-63-02	3	N	6.56	UJ	
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			
LPX-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-02	3	N			

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SAMPLE_NO	PARAMETER	LOCATION	CAS_NO	RESULT	QUALIFIER	UNIT		JOB_NO	LAB	LAB_NO	REC_DATE	EXTR_DATE
RWR-SW-6001-0000-02	2,3,7,8-TCDD	RWR-SW-6001-0000-02	1746-01-6	0.23	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,7,8-PeCDD	RWR-SW-6001-0000-02	40321-76-4	0.36	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-02	39227-28-6	0.16	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-02	57653-85-7	0.23		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,7,8,9-HxCDD	RWR-SW-6001-0000-02	19408-74-3	0.15	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-02	35822-46-9	9.74		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	OCDD	RWR-SW-6001-0000-02	3268-87-9	209.50		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	2,3,7,8-TCDF	RWR-SW-6001-0000-02	51207-31-9	0.04	J	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,7,8-PeCDF	RWR-SW-6001-0000-02	57117-41-6	0.22	J	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	2,3,4,7,8-PeCDF	RWR-SW-6001-0000-02	57117-31-4	0.16	JK	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-02	70648-26-9	0.65		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-02	57117-44-9	0.23		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-02	72918-21-9	0.14	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-02	60851-34-5	0.12	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-02	67562-39-4	1.71		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-02	55673-89-7	0.37	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	OCDF	RWR-SW-6001-0000-02	39001-02-0	6.33		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Tetra-Furans	RWR-SW-6001-0000-02	55722-27-5	0.04	J	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Tetra-Dioxins	RWR-SW-6001-0000-02	41903-57-5	0.23	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Penta-Furans	RWR-SW-6001-0000-02	30402-15-4	0.67	K	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Penta-Dioxins	RWR-SW-6001-0000-02	36088-22-9	0.36	U	PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Hexa-Furans	RWR-SW-6001-0000-02	55684-94-1	1.53		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Hexa-Dioxins	RWR-SW-6001-0000-02	34465-46-8	0.24		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Hepta-Furans	RWR-SW-6001-0000-02	38998-75-3	3.52		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	Total Hepta-Dioxins	RWR-SW-6001-0000-02	37871-00-4	19.11		PG/L		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-2,3,7,8-TCDD	RWR-SW-6001-0000-02	76523-40-5	77		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,7,8-PeCDD	RWR-SW-6001-0000-02	109719-79-1	75		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-02	109719-80-4	90		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-02	109719-81-5	91		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-02	109719-83-7	89		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-OCDD	RWR-SW-6001-0000-02	114423-97-1	85		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-2,3,7,8-TCDF	RWR-SW-6001-0000-02	89059-46-1	64		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,7,8-PeCDF	RWR-SW-6001-0000-02	109719-77-9	65		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-2,3,4,7,8-PeCDF	RWR-SW-6001-0000-02	116843-02-8	74		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-02	114423-98-2	82		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-02	116843-03-9	80		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-02	116843-04-0	76		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-02	116843-05-1	81		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-02	116843-09-5	86		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	13C-1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-02	109719-94-0	79		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02	37Cl-2,3,7,8-TCDD	RWR-SW-6001-0000-02	85508-50-5	79		PCT_REC		49715-80	BCO	49715-80-03	22-Dec-04	27-Dec-04

US EPA ARCHIVE DOCUMENT

NSAMPLE												
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.23	0.95		1		Lab Login ID = 50226-63-04	3	N	0.23	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.38	4.74		1		Lab Login ID = 50226-63-04	3	N	0.36	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.16	4.74		1		Lab Login ID = 50226-63-04	3	N	0.16	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.16	4.74		1		Lab Login ID = 50226-63-04	3	N	0.23	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.15	4.74		1		Lab Login ID = 50226-63-04	3	N	0.15	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.40	4.74		1		Lab Login ID = 50226-63-04	3	N	9.74		
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.34	9.48		1		Lab Login ID = 50226-63-04	3	N	209.50		
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.21	0.95		1		Lab Login ID = 50226-63-04	3	N	0.04	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.57	4.74		1		Lab Login ID = 50226-63-04	3	N	0.22	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.46	4.74		1		Lab Login ID = 50226-63-04	3	N	0.16	UEMPC	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.11	4.74		1		Lab Login ID = 50226-63-04	3	N	0.65	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.11	4.74		1		Lab Login ID = 50226-63-04	3	N	0.23	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.14	4.74		1		Lab Login ID = 50226-63-04	3	N	0.14	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.12	4.74		1		Lab Login ID = 50226-63-04	3	N	0.12	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.28	4.74		1		Lab Login ID = 50226-63-04	3	N	1.71	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.37	4.74		1		Lab Login ID = 50226-63-04	3	N	0.37	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.33	9.48		1		Lab Login ID = 50226-63-04	3	N	6.33	U	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.21	0.95		1		Lab Login ID = 50226-63-04	3	N	0.04	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.23	0.95		1		Lab Login ID = 50226-63-04	3	N	0.23	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.51	4.74		1		Lab Login ID = 50226-63-04	3	N	0.67	UJEMPC	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.36	4.74		1		Lab Login ID = 50226-63-04	3	N	0.36	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.12	4.74		1		Lab Login ID = 50226-63-04	3	N	1.53	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.16	4.74		1		Lab Login ID = 50226-63-04	3	N	0.24	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.32	4.74		1		Lab Login ID = 50226-63-04	3	N	3.52	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B	0.40	4.74		1		Lab Login ID = 50226-63-04	3	N	19.11	UJ	
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			
RWR-SW-6001-0000-02	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-04	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	PARAMETER										
RWR-SW-6001-0000-02 MS	2,3,7,8-TCDD	RWR-SW-6001-0000-02 MS	1746-01-6	93	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,7,8-PeCDD	RWR-SW-6001-0000-02 MS	40321-76-4	94	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-02 MS	39227-28-6	103	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-02 MS	57653-85-7	94	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,7,8,9-HxCDD	RWR-SW-6001-0000-02 MS	19408-74-3	104	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-02 MS	35822-46-9	96	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	OCDD	RWR-SW-6001-0000-02 MS	3268-87-9	88	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	2,3,7,8-TCDF	RWR-SW-6001-0000-02 MS	51207-31-9	100	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,7,8-PeCDF	RWR-SW-6001-0000-02 MS	57117-41-6	104	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	2,3,4,7,8-PeCDF	RWR-SW-6001-0000-02 MS	57117-31-4	105	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-02 MS	70648-26-9	107	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-02 MS	57117-44-9	107	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-02 MS	72918-21-9	107	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-02 MS	60851-34-5	104	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-02 MS	67562-39-4	108	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-02 MS	55673-89-7	108	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	OCDF	RWR-SW-6001-0000-02 MS	39001-02-0	101	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-2,3,7,8-TCDD	RWR-SW-6001-0000-02 MS	76523-40-5	74	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,7,8-PeCDD	RWR-SW-6001-0000-02 MS	109719-79-1	76	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-02 MS	109719-80-4	80	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-02 MS	109719-81-5	85	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-02 MS	109719-83-7	83	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-OCDD	RWR-SW-6001-0000-02 MS	114423-97-1	79	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-2,3,7,8-TCDF	RWR-SW-6001-0000-02 MS	89059-46-1	61	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,7,8-PeCDF	RWR-SW-6001-0000-02 MS	109719-77-9	65	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-2,3,4,7,8-PeCDF	RWR-SW-6001-0000-02 MS	116843-02-8	72	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-02 MS	114423-98-2	71	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-02 MS	116843-03-9	74	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-02 MS	116843-04-0	74	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-02 MS	116843-05-1	75	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-02 MS	116843-09-5	76	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	13C-1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-02 MS	109719-94-0	75	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MS	37Cl-2,3,7,8-TCDD	RWR-SW-6001-0000-02 MS	85508-50-5	78	PCT_REC	49715-80	BCO	49715-80-04	22-Dec-04	27-Dec-04

US EPA ARCHIVE DOCUMENT

SAMPLE												
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.27	0.95		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.66	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.27	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.27	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.25	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	1.09	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.36	9.48		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.20	0.95		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.35	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.29	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.64	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.62	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.70	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.62	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	2.90	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	3.47	4.74		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B	0.32	9.48		1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		
RWR-SW-6001-0000-02 MS	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-06	3	MS		

US EPA ARCHIVE DOCUMENT

NSAMPLE	PARAMETER										
RWR-SW-6001-0000-02 MSD	2,3,7,8-TCDD	RWR-SW-6001-0000-02 MSD	1746-01-6	92		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,7,8-PeCDD	RWR-SW-6001-0000-02 MSD	40321-76-4	92		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-02 MSD	39227-28-6	95		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-02 MSD	57653-85-7	98		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,7,8,9-HxCDD	RWR-SW-6001-0000-02 MSD	19408-74-3	96		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-02 MSD	35822-46-9	96		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	OCDD	RWR-SW-6001-0000-02 MSD	3268-87-9	88		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	2,3,7,8-TCDF	RWR-SW-6001-0000-02 MSD	51207-31-9	98		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,7,8-PeCDF	RWR-SW-6001-0000-02 MSD	57117-41-6	102		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	2,3,4,7,8-PeCDF	RWR-SW-6001-0000-02 MSD	57117-31-4	103		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-02 MSD	70648-26-9	101		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-02 MSD	57117-44-9	108		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-02 MSD	72918-21-9	104		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-02 MSD	60851-34-5	103		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-02 MSD	67562-39-4	106		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-02 MSD	55673-89-7	107		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	OCDF	RWR-SW-6001-0000-02 MSD	39001-02-0	100		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-2,3,7,8-TCDD	RWR-SW-6001-0000-02 MSD	76523-40-5	75		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,7,8-PeCDD	RWR-SW-6001-0000-02 MSD	109719-79-1	75		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-02 MSD	109719-80-4	89		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-02 MSD	109719-81-5	90		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-02 MSD	109719-83-7	89		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-OCDD	RWR-SW-6001-0000-02 MSD	114423-97-1	86		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-2,3,7,8-TCDF	RWR-SW-6001-0000-02 MSD	89059-46-1	62		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,7,8-PeCDF	RWR-SW-6001-0000-02 MSD	109719-77-9	64		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-2,3,4,7,8-PeCDF	RWR-SW-6001-0000-02 MSD	116843-02-8	73		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-02 MSD	114423-98-2	82		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-02 MSD	116843-03-9	80		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-02 MSD	116843-04-0	77		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-02 MSD	116843-05-1	81		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-02 MSD	116843-09-5	82		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	13C-1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-02 MSD	109719-94-0	83		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-02 MSD	37Cl-2,3,7,8-TCDD	RWR-SW-6001-0000-02 MSD	85508-50-5	77		PCT_REC		49715-80	BCO	49715-80-12	22-Dec-04	27-Dec-04

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NSAMPLE													
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.27	0.94		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.42	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.13	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.13	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.12	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.54	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.17	9.43		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.13	0.94		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.27	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.22	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.78	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.81	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.93	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.82	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	1.60	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	1.83	4.72		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B	0.32	9.43		1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			
RWR-SW-6001-0000-02 MSD	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-22	3	MSD			

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NSAMPLE	PARAMETER	LOCATION	CAS_NO	RESULT	QUAL	UNIT	CASE	BATCH	LAB	PREP_DATE	EXTRACTED
LPX-SW-6001-0000-03	2,3,7,8-TCDD	LPX-SW-6001-0000-03	1746-01-6	19.12		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,7,8-PeCDD	LPX-SW-6001-0000-03	40321-76-4	0.50	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,4,7,8-HxCDD	LPX-SW-6001-0000-03	39227-28-6	0.27	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,6,7,8-HxCDD	LPX-SW-6001-0000-03	57653-85-7	0.27	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,7,8,9-HxCDD	LPX-SW-6001-0000-03	19408-74-3	0.25	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,4,6,7,8-HpCDD	LPX-SW-6001-0000-03	35822-46-9	2.71		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	OCDD	LPX-SW-6001-0000-03	3268-87-9	17.66		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	2,3,7,8-TCDF	LPX-SW-6001-0000-03	51207-31-9	0.25		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,7,8-PeCDF	LPX-SW-6001-0000-03	57117-41-6	0.48		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	2,3,4,7,8-PeCDF	LPX-SW-6001-0000-03	57117-31-4	0.36	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,4,7,8-HxCDF	LPX-SW-6001-0000-03	70648-26-9	0.66		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,6,7,8-HxCDF	LPX-SW-6001-0000-03	57117-44-9	0.33		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,7,8,9-HxCDF	LPX-SW-6001-0000-03	72918-21-9	0.30	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	2,3,4,6,7,8-HxCDF	LPX-SW-6001-0000-03	60851-34-5	0.26	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,4,6,7,8-HpCDF	LPX-SW-6001-0000-03	67562-39-4	1.21		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	1,2,3,4,7,8,9-HpCDF	LPX-SW-6001-0000-03	55673-89-7	0.10	J	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	OCDF	LPX-SW-6001-0000-03	39001-02-0	1.97		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Tetra-Furans	LPX-SW-6001-0000-03	55722-27-5	0.25		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Tetra-Dioxins	LPX-SW-6001-0000-03	41903-57-5	19.12		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Penta-Furans	LPX-SW-6001-0000-03	30402-15-4	0.69		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Penta-Dioxins	LPX-SW-6001-0000-03	36088-22-9	0.50	U	PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Hexa-Furans	LPX-SW-6001-0000-03	55684-94-1	1.12		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Hexa-Dioxins	LPX-SW-6001-0000-03	34465-46-8	0.51		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Hepta-Furans	LPX-SW-6001-0000-03	38998-75-3	2.39		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	Total Hepta-Dioxins	LPX-SW-6001-0000-03	37871-00-4	5.09		PG/L		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-2,3,7,8-TCDD	LPX-SW-6001-0000-03	76523-40-5	77		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,7,8-PeCDD	LPX-SW-6001-0000-03	109719-79-1	76		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,4,7,8-HxCDD	LPX-SW-6001-0000-03	109719-80-4	88		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,6,7,8-HxCDD	LPX-SW-6001-0000-03	109719-81-5	93		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,4,6,7,8-HpCDD	LPX-SW-6001-0000-03	109719-83-7	91		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-OCDD	LPX-SW-6001-0000-03	114423-97-1	86		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-2,3,7,8-TCDF	LPX-SW-6001-0000-03	89059-46-1	65		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,7,8-PeCDF	LPX-SW-6001-0000-03	109719-77-9	67		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-2,3,4,7,8-PeCDF	LPX-SW-6001-0000-03	116843-02-8	75		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,4,7,8-HxCDF	LPX-SW-6001-0000-03	114423-98-2	84		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,6,7,8-HxCDF	LPX-SW-6001-0000-03	116843-03-9	82		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,7,8,9-HxCDF	LPX-SW-6001-0000-03	116843-04-0	79		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-2,3,4,6,7,8-HxCDF	LPX-SW-6001-0000-03	116843-05-1	84		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,4,6,7,8-HpCDF	LPX-SW-6001-0000-03	116843-09-5	83		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	13C-1,2,3,4,7,8,9-HpCDF	LPX-SW-6001-0000-03	109719-94-0	79		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-03	37Cl-2,3,7,8-TCDD	LPX-SW-6001-0000-03	85508-50-5	81		PCT_REC		49715-80	BCO	49715-80-05	22-Dec-04	27-Dec-04

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SAMPLE													
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.34	0.94		1		Lab Login ID = 50226-63-08	3	N	19.12		
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.50	4.72		1		Lab Login ID = 50226-63-08	3	N	0.50	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.27	4.72		1		Lab Login ID = 50226-63-08	3	N	0.27	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.27	4.72		1		Lab Login ID = 50226-63-08	3	N	0.27	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.25	4.72		1		Lab Login ID = 50226-63-08	3	N	0.25	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.17	4.72		1		Lab Login ID = 50226-63-08	3	N	2.71	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.37	9.43		1		Lab Login ID = 50226-63-08	3	N	17.66	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.25	0.94		1		Lab Login ID = 50226-63-08	3	N	0.25	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.43	4.72		1		Lab Login ID = 50226-63-08	3	N	0.48	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.36	4.72		1		Lab Login ID = 50226-63-08	3	N	0.36	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.25	4.72		1		Lab Login ID = 50226-63-08	3	N	0.66	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.72		1		Lab Login ID = 50226-63-08	3	N	0.33	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.30	4.72		1		Lab Login ID = 50226-63-08	3	N	0.30	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.72		1		Lab Login ID = 50226-63-08	3	N	0.26	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.39	4.72		1		Lab Login ID = 50226-63-08	3	N	1.21	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.48	4.72		1		Lab Login ID = 50226-63-08	3	N	0.10	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.35	9.43		1		Lab Login ID = 50226-63-08	3	N	1.97	U	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.25	0.94		1		Lab Login ID = 50226-63-08	3	N	0.25	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.34	0.94		1		Lab Login ID = 50226-63-08	3	N	19.12	J	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.39	4.72		1		Lab Login ID = 50226-63-08	3	N	0.69	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.50	4.72		1		Lab Login ID = 50226-63-08	3	N	0.50	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.27	4.72		1		Lab Login ID = 50226-63-08	3	N	1.12	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.72		1		Lab Login ID = 50226-63-08	3	N	0.51	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.43	4.72		1		Lab Login ID = 50226-63-08	3	N	2.39	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.17	4.72		1		Lab Login ID = 50226-63-08	3	N	5.09	UJ	
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			
LPX-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-08	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	PARAMETER	SAMPLE_NO	CASNO	VALUE	RESULT_QUAL	UNITS	TOXICITY_EQ	TYPE	LABORATORY	LABJOB	RECEIVED	EXTRACTED
APB-SW-6001-0000-03	2,3,7,8-TCDD	APB-SW-6001-0000-03	1746-01-6	0.92		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,7,8-PeCDD	APB-SW-6001-0000-03	40321-76-4	0.30	JK	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,4,7,8-HxCDD	APB-SW-6001-0000-03	39227-28-6	0.11	J	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,6,7,8-HxCDD	APB-SW-6001-0000-03	57653-85-7	0.31		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,7,8,9-HxCDD	APB-SW-6001-0000-03	19408-74-3	0.21		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,4,6,7,8-HpCDD	APB-SW-6001-0000-03	35822-46-9	2.98		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	OCDD	APB-SW-6001-0000-03	3268-87-9	16.36		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	2,3,7,8-TCDF	APB-SW-6001-0000-03	51207-31-9	0.31		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,7,8-PeCDF	APB-SW-6001-0000-03	57117-41-6	0.80		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	2,3,4,7,8-PeCDF	APB-SW-6001-0000-03	57117-31-4	0.39		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,4,7,8-HxCDF	APB-SW-6001-0000-03	70648-26-9	0.83		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,6,7,8-HxCDF	APB-SW-6001-0000-03	57117-44-9	0.33		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,7,8,9-HxCDF	APB-SW-6001-0000-03	72918-21-9	0.24		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	2,3,4,6,7,8-HxCDF	APB-SW-6001-0000-03	60851-34-5	0.12	J	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,4,6,7,8-HpCDF	APB-SW-6001-0000-03	67562-39-4	1.22		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	1,2,3,4,7,8,9-HpCDF	APB-SW-6001-0000-03	55673-89-7	0.18	JK	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	OCDF	APB-SW-6001-0000-03	39001-02-0	1.83		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Tetra-Furans	APB-SW-6001-0000-03	55722-27-5	0.46		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Tetra-Dioxins	APB-SW-6001-0000-03	41903-57-5	0.92		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Penta-Furans	APB-SW-6001-0000-03	30402-15-4	1.19	K	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Penta-Dioxins	APB-SW-6001-0000-03	36088-22-9	0.30	J	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Hexa-Furans	APB-SW-6001-0000-03	55684-94-1	1.52		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Hexa-Dioxins	APB-SW-6001-0000-03	34465-46-8	1.18		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Hepta-Furans	APB-SW-6001-0000-03	38998-75-3	2.41	K	PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	Total Hepta-Dioxins	APB-SW-6001-0000-03	37871-00-4	5.57		PG/L		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-2,3,7,8-TCDD	APB-SW-6001-0000-03	76523-40-5	73		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,7,8-PeCDD	APB-SW-6001-0000-03	109719-79-1	75		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,4,7,8-HxCDD	APB-SW-6001-0000-03	109719-80-4	84		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,6,7,8-HxCDD	APB-SW-6001-0000-03	109719-81-5	90		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,4,6,7,8-HpCDD	APB-SW-6001-0000-03	109719-83-7	88		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-OCDD	APB-SW-6001-0000-03	114423-97-1	82		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-2,3,7,8-TCDF	APB-SW-6001-0000-03	89059-46-1	61		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,7,8-PeCDF	APB-SW-6001-0000-03	109719-77-9	63		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-2,3,4,7,8-PeCDF	APB-SW-6001-0000-03	116843-02-8	72		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,4,7,8-HxCDF	APB-SW-6001-0000-03	114423-98-2	80		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,6,7,8-HxCDF	APB-SW-6001-0000-03	116843-03-9	77		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,7,8,9-HxCDF	APB-SW-6001-0000-03	116843-04-0	77		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-2,3,4,6,7,8-HxCDF	APB-SW-6001-0000-03	116843-05-1	80		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,4,6,7,8-HpCDF	APB-SW-6001-0000-03	116843-09-5	82		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	13C-1,2,3,4,7,8,9-HpCDF	APB-SW-6001-0000-03	109719-94-0	78		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04
APB-SW-6001-0000-03	37Cl-2,3,7,8-TCDD	APB-SW-6001-0000-03	85508-50-5	75		PCT_REC		49715-80	BCO	49715-80-06	22-Dec-04	27-Dec-04

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APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.34	0.95		1	Lab Login ID = 50226-63-10	3	N	0.92	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.40	4.74		1	Lab Login ID = 50226-63-10	3	N	0.30	UEMPC	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.19	4.74		1	Lab Login ID = 50226-63-10	3	N	0.11	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.19	4.74		1	Lab Login ID = 50226-63-10	3	N	0.31	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.18	4.74		1	Lab Login ID = 50226-63-10	3	N	0.21	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.30	4.74		1	Lab Login ID = 50226-63-10	3	N	2.98	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.27	9.48		1	Lab Login ID = 50226-63-10	3	N	16.36	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.14	0.95		1	Lab Login ID = 50226-63-10	3	N	0.31	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.38	4.74		1	Lab Login ID = 50226-63-10	3	N	0.80	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.31	4.74		1	Lab Login ID = 50226-63-10	3	N	0.39	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.16	4.74		1	Lab Login ID = 50226-63-10	3	N	0.83	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.16	4.74		1	Lab Login ID = 50226-63-10	3	N	0.33	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.19	4.74		1	Lab Login ID = 50226-63-10	3	N	0.24	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.16	4.74		1	Lab Login ID = 50226-63-10	3	N	0.12	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.21	4.74		1	Lab Login ID = 50226-63-10	3	N	1.22	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.74		1	Lab Login ID = 50226-63-10	3	N	0.18	UEMPC	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.38	9.48		1	Lab Login ID = 50226-63-10	3	N	1.83	U	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.14	0.95		1	Lab Login ID = 50226-63-10	3	N	0.46	UJ	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.34	0.95		1	Lab Login ID = 50226-63-10	3	N	0.92	UJ	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.35	4.74		1	Lab Login ID = 50226-63-10	3	N	1.19	UJEMPC	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.40	4.74		1	Lab Login ID = 50226-63-10	3	N	0.30	UJ	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.17	4.74		1	Lab Login ID = 50226-63-10	3	N	1.52	UJ	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.19	4.74		1	Lab Login ID = 50226-63-10	3	N	1.18	UJ	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.24	4.74		1	Lab Login ID = 50226-63-10	3	N	2.41	UJEMPC	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.30	4.74		1	Lab Login ID = 50226-63-10	3	N	5.57	UJ	
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			
APB-SW-6001-0000-03	4-Jan-05	MOD 1613B				1	Lab Login ID = 50226-63-10	3	N			

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SAMPLE	PARAMETER	LOCATION	CAS	RESULT	QUAL	UNITS	SYSTEM	LABORATORY	PREP	ANALYSIS	ENTERED
RWR-SW-6001-0000-03	2,3,7,8-TCDD	RWR-SW-6001-0000-03	1746-01-6	0.33	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,7,8-PeCDD	RWR-SW-6001-0000-03	40321-76-4	0.48	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-03	39227-28-6	0.31	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-03	57653-85-7	0.16	J	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,7,8,9-HxCDD	RWR-SW-6001-0000-03	19408-74-3	0.15	J	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-03	35822-46-9	1.76		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	OCDD	RWR-SW-6001-0000-03	3268-87-9	11.93		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	2,3,7,8-TCDF	RWR-SW-6001-0000-03	51207-31-9	0.24	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,7,8-PeCDF	RWR-SW-6001-0000-03	57117-41-6	0.14	J	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	2,3,4,7,8-PeCDF	RWR-SW-6001-0000-03	57117-31-4	0.15	J	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-03	70648-26-9	0.58		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-03	57117-44-9	0.19	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-03	72918-21-9	0.21	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-03	60851-34-5	0.12	J	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-03	67562-39-4	0.94		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-03	55673-89-7	0.31	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	OCDF	RWR-SW-6001-0000-03	39001-02-0	1.20	K	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Tetra-Furans	RWR-SW-6001-0000-03	55722-27-5	0.24	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Tetra-Dioxins	RWR-SW-6001-0000-03	41903-57-5	0.33	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Penta-Furans	RWR-SW-6001-0000-03	30402-15-4	0.49		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Penta-Dioxins	RWR-SW-6001-0000-03	36088-22-9	0.48	U	PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Hexa-Furans	RWR-SW-6001-0000-03	55684-94-1	1.25		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Hexa-Dioxins	RWR-SW-6001-0000-03	34465-46-8	0.49		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Hepta-Furans	RWR-SW-6001-0000-03	38998-75-3	1.57		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	Total Hepta-Dioxins	RWR-SW-6001-0000-03	37871-00-4	3.41		PG/L	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-2,3,7,8-TCDD	RWR-SW-6001-0000-03	76523-40-5	73		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,7,8-PeCDD	RWR-SW-6001-0000-03	109719-79-1	74		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-03	109719-80-4	87		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-03	109719-81-5	86		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-03	109719-83-7	87		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-OCDD	RWR-SW-6001-0000-03	114423-97-1	63		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-2,3,7,8-TCDF	RWR-SW-6001-0000-03	89059-46-1	63		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,7,8-PeCDF	RWR-SW-6001-0000-03	109719-77-9	64		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-2,3,4,7,8-PeCDF	RWR-SW-6001-0000-03	116843-02-8	70		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-03	114423-98-2	78		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-03	116843-03-9	76		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-03	116843-04-0	77		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-03	116843-05-1	79		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-03	116843-09-5	76		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	13C-1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-03	109719-94-0	75		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-03	37Cl-2,3,7,8-TCDD	RWR-SW-6001-0000-03	85508-50-5	77		PCT_REC	49715-80	BCO	49715-80-07	22-Dec-04	27-Dec-04

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RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.33	0.94		1		Lab Login ID = 50226-63-12	3	N	0.33	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.48	4.72		1		Lab Login ID = 50226-63-12	3	N	0.48	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.31	4.72		1		Lab Login ID = 50226-63-12	3	N	0.31	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.31	4.72		1		Lab Login ID = 50226-63-12	3	N	0.16	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.29	4.72		1		Lab Login ID = 50226-63-12	3	N	0.15	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.72		1		Lab Login ID = 50226-63-12	3	N	1.76	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.41	9.43		1		Lab Login ID = 50226-63-12	3	N	11.93	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.24	0.94		1		Lab Login ID = 50226-63-12	3	N	0.24	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.46	4.72		1		Lab Login ID = 50226-63-12	3	N	0.14	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.40	4.72		1		Lab Login ID = 50226-63-12	3	N	0.15	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.18	4.72		1		Lab Login ID = 50226-63-12	3	N	0.58	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.19	4.72		1		Lab Login ID = 50226-63-12	3	N	0.19	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.21	4.72		1		Lab Login ID = 50226-63-12	3	N	0.21	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.18	4.72		1		Lab Login ID = 50226-63-12	3	N	0.12	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.72		1		Lab Login ID = 50226-63-12	3	N	0.94	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.31	4.72		1		Lab Login ID = 50226-63-12	3	N	0.31	U	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.40	9.43		1		Lab Login ID = 50226-63-12	3	N	1.20	UEMPC	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.24	0.94		1		Lab Login ID = 50226-63-12	3	N	0.24	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.33	0.94		1		Lab Login ID = 50226-63-12	3	N	0.33	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.43	4.72		1		Lab Login ID = 50226-63-12	3	N	0.49	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.48	4.72		1		Lab Login ID = 50226-63-12	3	N	0.48	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.19	4.72		1		Lab Login ID = 50226-63-12	3	N	1.25	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.30	4.72		1		Lab Login ID = 50226-63-12	3	N	0.49	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.29	4.72		1		Lab Login ID = 50226-63-12	3	N	1.57	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B	0.26	4.72		1		Lab Login ID = 50226-63-12	3	N	3.41	UJ	
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			
RWR-SW-6001-0000-03	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-12	3	N			

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NSAMPLEX	PARAMETER	CAS_NO	RESULT	QUAL	UNIT	QA_CODE	LAB_CODE	METHOD	SAMP_DATE	EXTRACT_DATE
LPX-SW-6001-0000-01	2,3,7,8-TCDD	LPX-SW-6001-0000-01	1746-01-6	1.97		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,7,8-PeCDD	LPX-SW-6001-0000-01	40321-76-4	0.19	U	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,4,7,8-HxCDD	LPX-SW-6001-0000-01	39227-28-6	0.13	U	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,6,7,8-HxCDD	LPX-SW-6001-0000-01	57653-85-7	0.17		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,7,8,9-HxCDD	LPX-SW-6001-0000-01	19408-74-3	0.12		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,4,6,7,8-HpCDD	LPX-SW-6001-0000-01	35822-46-9	2.98		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	OCDD	LPX-SW-6001-0000-01	3268-87-9	20.66		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	2,3,7,8-TCDF	LPX-SW-6001-0000-01	51207-31-9	0.11	J	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,7,8-PeCDF	LPX-SW-6001-0000-01	57117-41-6	0.23	J	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	2,3,4,7,8-PeCDF	LPX-SW-6001-0000-01	57117-31-4	0.15	J	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,4,7,8-HxCDF	LPX-SW-6001-0000-01	70648-26-9	0.66		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,6,7,8-HxCDF	LPX-SW-6001-0000-01	57117-44-9	0.13	U	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,7,8,9-HxCDF	LPX-SW-6001-0000-01	72918-21-9	0.14	U	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	2,3,4,6,7,8-HxCDF	LPX-SW-6001-0000-01	60851-34-5	0.12	J	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,4,6,7,8-HpCDF	LPX-SW-6001-0000-01	67562-39-4	1.51		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	1,2,3,4,7,8,9-HpCDF	LPX-SW-6001-0000-01	55673-89-7	0.10	J	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	OCDF	LPX-SW-6001-0000-01	39001-02-0	1.57		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Tetra-Furans	LPX-SW-6001-0000-01	55722-27-5	0.47		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Tetra-Dioxins	LPX-SW-6001-0000-01	41903-57-5	1.97		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Penta-Furans	LPX-SW-6001-0000-01	30402-15-4	0.67		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Penta-Dioxins	LPX-SW-6001-0000-01	36088-22-9	0.03	J	PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Hexa-Furans	LPX-SW-6001-0000-01	55684-94-1	1.39		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Hexa-Dioxins	LPX-SW-6001-0000-01	34465-46-8	0.62		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Hepta-Furans	LPX-SW-6001-0000-01	38998-75-3	2.68		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	Total Hepta-Dioxins	LPX-SW-6001-0000-01	37871-00-4	5.81		PG/L	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-2,3,7,8-TCDD	LPX-SW-6001-0000-01	76523-40-5	72		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,7,8-PeCDD	LPX-SW-6001-0000-01	109719-79-1	70		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,4,7,8-HxCDD	LPX-SW-6001-0000-01	109719-80-4	88		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,6,7,8-HxCDD	LPX-SW-6001-0000-01	109719-81-5	88		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,4,6,7,8-HpCDD	LPX-SW-6001-0000-01	109719-83-7	90		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-OCDD	LPX-SW-6001-0000-01	114423-97-1	83		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-2,3,7,8-TCDF	LPX-SW-6001-0000-01	89059-46-1	58		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,7,8-PeCDF	LPX-SW-6001-0000-01	109719-77-9	60		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-2,3,4,7,8-PeCDF	LPX-SW-6001-0000-01	116843-02-8	71		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,4,7,8-HxCDF	LPX-SW-6001-0000-01	114423-98-2	79		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,6,7,8-HxCDF	LPX-SW-6001-0000-01	116843-03-9	77		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,7,8,9-HxCDF	LPX-SW-6001-0000-01	116843-04-0	77		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-2,3,4,6,7,8-HxCDF	LPX-SW-6001-0000-01	116843-05-1	81		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,4,6,7,8-HpCDF	LPX-SW-6001-0000-01	116843-09-5	81		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	13C-1,2,3,4,7,8,9-HpCDF	LPX-SW-6001-0000-01	109719-94-0	80		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04
LPX-SW-6001-0000-01	37Cl-2,3,7,8-TCDD	LPX-SW-6001-0000-01	85508-50-5	75		PCT_REC	49715-80	BCO	49715-80-08	22-Dec-04	27-Dec-04

US EPA ARCHIVE DOCUMENT

SAMPLE	ANALYSIS DATE	METHOD											
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.19	0.95		1		Lab Login ID = 50226-63-14	3	N	1.97		
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.19	4.74		1		Lab Login ID = 50226-63-14	3	N	0.19	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	0.13	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	0.17	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.12	4.74		1		Lab Login ID = 50226-63-14	3	N	0.12	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.20	4.74		1		Lab Login ID = 50226-63-14	3	N	2.98	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.15	9.48		1		Lab Login ID = 50226-63-14	3	N	20.66	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.12	0.95		1		Lab Login ID = 50226-63-14	3	N	0.11	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.33	4.74		1		Lab Login ID = 50226-63-14	3	N	0.23	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.27	4.74		1		Lab Login ID = 50226-63-14	3	N	0.15	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	0.66	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	0.13	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.14	4.74		1		Lab Login ID = 50226-63-14	3	N	0.14	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	0.12	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.23	4.74		1		Lab Login ID = 50226-63-14	3	N	1.51	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.28	4.74		1		Lab Login ID = 50226-63-14	3	N	0.10	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.17	9.48		1		Lab Login ID = 50226-63-14	3	N	1.57	U	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.12	0.95		1		Lab Login ID = 50226-63-14	3	N	0.47	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.19	0.95		1		Lab Login ID = 50226-63-14	3	N	1.97	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.30	4.74		1		Lab Login ID = 50226-63-14	3	N	0.67	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.19	4.74		1		Lab Login ID = 50226-63-14	3	N	0.03	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	1.39	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.13	4.74		1		Lab Login ID = 50226-63-14	3	N	0.62	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.25	4.74		1		Lab Login ID = 50226-63-14	3	N	2.68	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B	0.20	4.74		1		Lab Login ID = 50226-63-14	3	N	5.81	UJ	
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			
LPX-SW-6001-0000-01	4-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-14	3	N			

US EPA ARCHIVE DOCUMENT

SAMPLE	PARAMETER	LOCATION	CAS NO	RESULT	QUAL	UNIT	CASE NO	MATRIX	LAB ID	SAMPLE DATE	EVENT DATE
APB-SW-6001-0000-01	2,3,7,8-TCDD	APB-SW-6001-0000-01	1746-01-6	1.15		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,7,8-PeCDD	APB-SW-6001-0000-01	40321-76-4	0.54	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,4,7,8-HxCDD	APB-SW-6001-0000-01	39227-28-6	0.31	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,6,7,8-HxCDD	APB-SW-6001-0000-01	57653-85-7	0.31	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,7,8,9-HxCDD	APB-SW-6001-0000-01	19408-74-3	0.29	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,4,6,7,8-HpCDD	APB-SW-6001-0000-01	35822-46-9	3.13		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	OCDD	APB-SW-6001-0000-01	3268-87-9	21.01		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	2,3,7,8-TCDF	APB-SW-6001-0000-01	51207-31-9	0.28	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,7,8-PeCDF	APB-SW-6001-0000-01	57117-41-6	0.19	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	2,3,4,7,8-PeCDF	APB-SW-6001-0000-01	57117-31-4	0.15	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,4,7,8-HxCDF	APB-SW-6001-0000-01	70648-26-9	0.64		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,6,7,8-HxCDF	APB-SW-6001-0000-01	57117-44-9	0.37	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,7,8,9-HxCDF	APB-SW-6001-0000-01	72918-21-9	0.44	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	2,3,4,6,7,8-HxCDF	APB-SW-6001-0000-01	60851-34-5	0.38	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,4,6,7,8-HpCDF	APB-SW-6001-0000-01	67562-39-4	1.46		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	1,2,3,4,7,8,9-HpCDF	APB-SW-6001-0000-01	55673-89-7	0.42	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	OCDF	APB-SW-6001-0000-01	39001-02-0	2.09		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Tetra-Furans	APB-SW-6001-0000-01	55722-27-5	0.28	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Tetra-Dioxins	APB-SW-6001-0000-01	41903-57-5	1.15		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Penta-Furans	APB-SW-6001-0000-01	30402-15-4	0.04	J	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Penta-Dioxins	APB-SW-6001-0000-01	36088-22-9	0.54	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Hexa-Furans	APB-SW-6001-0000-01	55684-94-1	1.21		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Hexa-Dioxins	APB-SW-6001-0000-01	34465-46-8	0.30	U	PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Hepta-Furans	APB-SW-6001-0000-01	38998-75-3	2.61		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	Total Hepta-Dioxins	APB-SW-6001-0000-01	37871-00-4	6.08		PG/L	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-2,3,7,8-TCDD	APB-SW-6001-0000-01	76523-40-5	69		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,7,8-PeCDD	APB-SW-6001-0000-01	109719-79-1	73		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,4,7,8-HxCDD	APB-SW-6001-0000-01	109719-80-4	86		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,6,7,8-HxCDD	APB-SW-6001-0000-01	109719-81-5	88		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,4,6,7,8-HpCDD	APB-SW-6001-0000-01	109719-83-7	86		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-OCDD	APB-SW-6001-0000-01	114423-97-1	78		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-2,3,7,8-TCDF	APB-SW-6001-0000-01	89059-46-1	59		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,7,8-PeCDF	APB-SW-6001-0000-01	109719-77-9	61		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-2,3,4,7,8-PeCDF	APB-SW-6001-0000-01	116843-02-8	70		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,4,7,8-HxCDF	APB-SW-6001-0000-01	114423-98-2	79		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,6,7,8-HxCDF	APB-SW-6001-0000-01	116843-03-9	77		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,7,8,9-HxCDF	APB-SW-6001-0000-01	116843-04-0	73		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-2,3,4,6,7,8-HxCDF	APB-SW-6001-0000-01	116843-05-1	78		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,4,6,7,8-HpCDF	APB-SW-6001-0000-01	116843-09-5	77		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	13C-1,2,3,4,7,8,9-HpCDF	APB-SW-6001-0000-01	109719-94-0	74		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04
APB-SW-6001-0000-01	37Cl-2,3,7,8-TCDD	APB-SW-6001-0000-01	85508-50-5	72		PCT_REC	49715-80	BCO	49715-80-09	22-Dec-04	27-Dec-04

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NSAMPLE													
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	0.94		1		Lab Login ID = 50226-63-16	3	N	1.15	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.54	4.72		1		Lab Login ID = 50226-63-16	3	N	0.54	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.31	4.72		1		Lab Login ID = 50226-63-16	3	N	0.31	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.31	4.72		1		Lab Login ID = 50226-63-16	3	N	0.31	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.29	4.72		1		Lab Login ID = 50226-63-16	3	N	0.29	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.72		1		Lab Login ID = 50226-63-16	3	N	3.13	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.40	9.43		1		Lab Login ID = 50226-63-16	3	N	21.01	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.28	0.94		1		Lab Login ID = 50226-63-16	3	N	0.28	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.19	4.72		1		Lab Login ID = 50226-63-16	3	N	0.19	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.15	4.72		1		Lab Login ID = 50226-63-16	3	N	0.15	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.36	4.72		1		Lab Login ID = 50226-63-16	3	N	0.64	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.37	4.72		1		Lab Login ID = 50226-63-16	3	N	0.37	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.44	4.72		1		Lab Login ID = 50226-63-16	3	N	0.44	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.38	4.72		1		Lab Login ID = 50226-63-16	3	N	0.38	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.35	4.72		1		Lab Login ID = 50226-63-16	3	N	1.46	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.42	4.72		1		Lab Login ID = 50226-63-16	3	N	0.42	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.47	9.43		1		Lab Login ID = 50226-63-16	3	N	2.09	U	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.28	0.94		1		Lab Login ID = 50226-63-16	3	N	0.28	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	0.94		1		Lab Login ID = 50226-63-16	3	N	1.15	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.17	4.72		1		Lab Login ID = 50226-63-16	3	N	0.04	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.54	4.72		1		Lab Login ID = 50226-63-16	3	N	0.54	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.38	4.72		1		Lab Login ID = 50226-63-16	3	N	1.21	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.72		1		Lab Login ID = 50226-63-16	3	N	0.30	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.38	4.72		1		Lab Login ID = 50226-63-16	3	N	2.61	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.72		1		Lab Login ID = 50226-63-16	3	N	6.08	UJ	
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			
APB-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-16	3	N			

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NSAMPLE	PARAMETER	SAMPLE_ID	CAS_NO	RESULT	QUAL	UNITS	FRACTION	LAB_ID	METHOD	LAB_BATCH	PREP_DATE	ANALYSIS_DATE
RWR-SW-6001-0000-01	2,3,7,8-TCDD	RWR-SW-6001-0000-01	1746-01-6	0.55	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,7,8-PeCDD	RWR-SW-6001-0000-01	40321-76-4	0.59	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-01	39227-28-6	0.30	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-01	57653-85-7	0.31	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,7,8,9-HxCDD	RWR-SW-6001-0000-01	19408-74-3	0.28	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-01	35822-46-9	2.10		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	OCDD	RWR-SW-6001-0000-01	3268-87-9	12.39		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	2,3,7,8-TCDF	RWR-SW-6001-0000-01	51207-31-9	0.45	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,7,8-PeCDF	RWR-SW-6001-0000-01	57117-41-6	0.63	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	2,3,4,7,8-PeCDF	RWR-SW-6001-0000-01	57117-31-4	0.53	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-01	70648-26-9	0.62		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-01	57117-44-9	0.30	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-01	72918-21-9	0.35	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-01	60851-34-5	0.30	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-01	67562-39-4	0.84		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-01	55673-89-7	0.31	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	OCDF	RWR-SW-6001-0000-01	39001-02-0	1.18		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Tetra-Furans	RWR-SW-6001-0000-01	55722-27-5	0.45	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Tetra-Dioxins	RWR-SW-6001-0000-01	41903-57-5	0.55	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Penta-Furans	RWR-SW-6001-0000-01	30402-15-4	0.58	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Penta-Dioxins	RWR-SW-6001-0000-01	36088-22-9	0.59	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Hexa-Furans	RWR-SW-6001-0000-01	55684-94-1	0.62		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Hexa-Dioxins	RWR-SW-6001-0000-01	34465-46-8	0.30	U	PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Hepta-Furans	RWR-SW-6001-0000-01	38998-75-3	1.48		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	Total Hepta-Dioxins	RWR-SW-6001-0000-01	37871-00-4	3.62		PG/L		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-2,3,7,8-TCDD	RWR-SW-6001-0000-01	76523-40-5	68		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,7,8-PeCDD	RWR-SW-6001-0000-01	109719-79-1	71		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,4,7,8-HxCDD	RWR-SW-6001-0000-01	109719-80-4	86		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,6,7,8-HxCDD	RWR-SW-6001-0000-01	109719-81-5	87		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,4,6,7,8-HpCDD	RWR-SW-6001-0000-01	109719-83-7	85		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-OCDD	RWR-SW-6001-0000-01	114423-97-1	81		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-2,3,7,8-TCDF	RWR-SW-6001-0000-01	89059-46-1	59		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,7,8-PeCDF	RWR-SW-6001-0000-01	109719-77-9	60		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-2,3,4,7,8-PeCDF	RWR-SW-6001-0000-01	116843-02-8	68		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,4,7,8-HxCDF	RWR-SW-6001-0000-01	114423-98-2	78		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,6,7,8-HxCDF	RWR-SW-6001-0000-01	116843-03-9	76		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,7,8,9-HxCDF	RWR-SW-6001-0000-01	116843-04-0	74		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-2,3,4,6,7,8-HxCDF	RWR-SW-6001-0000-01	116843-05-1	78		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,4,6,7,8-HpCDF	RWR-SW-6001-0000-01	116843-09-5	79		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	13C-1,2,3,4,7,8,9-HpCDF	RWR-SW-6001-0000-01	109719-94-0	79		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04
RWR-SW-6001-0000-01	37Cl-2,3,7,8-TCDD	RWR-SW-6001-0000-01	85508-50-5	71		PCT_REC		49715-80	BCO	49715-80-10	22-Dec-04	27-Dec-04

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NSAMPLE													
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.55	0.97		1		Lab Login ID = 50226-63-18	3	N	0.55	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.59	4.85		1		Lab Login ID = 50226-63-18	3	N	0.59	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.85		1		Lab Login ID = 50226-63-18	3	N	0.30	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.31	4.85		1		Lab Login ID = 50226-63-18	3	N	0.31	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.28	4.85		1		Lab Login ID = 50226-63-18	3	N	0.28	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.34	4.85		1		Lab Login ID = 50226-63-18	3	N	2.10	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.32	9.71		1		Lab Login ID = 50226-63-18	3	N	12.39	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.45	0.97		1		Lab Login ID = 50226-63-18	3	N	0.45	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.63	4.85		1		Lab Login ID = 50226-63-18	3	N	0.63	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.53	4.85		1		Lab Login ID = 50226-63-18	3	N	0.53	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.29	4.85		1		Lab Login ID = 50226-63-18	3	N	0.62	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.85		1		Lab Login ID = 50226-63-18	3	N	0.30	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.35	4.85		1		Lab Login ID = 50226-63-18	3	N	0.35	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.85		1		Lab Login ID = 50226-63-18	3	N	0.30	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.26	4.85		1		Lab Login ID = 50226-63-18	3	N	0.84	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.31	4.85		1		Lab Login ID = 50226-63-18	3	N	0.31	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.49	9.71		1		Lab Login ID = 50226-63-18	3	N	1.18	U	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.45	0.97		1		Lab Login ID = 50226-63-18	3	N	0.45	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.55	0.97		1		Lab Login ID = 50226-63-18	3	N	0.55	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.58	4.85		1		Lab Login ID = 50226-63-18	3	N	0.58	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.59	4.85		1		Lab Login ID = 50226-63-18	3	N	0.59	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.31	4.85		1		Lab Login ID = 50226-63-18	3	N	0.62	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.30	4.85		1		Lab Login ID = 50226-63-18	3	N	0.30	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.28	4.85		1		Lab Login ID = 50226-63-18	3	N	1.48	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B	0.34	4.85		1		Lab Login ID = 50226-63-18	3	N	3.62	UJ	
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			
RWR-SW-6001-0000-01	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-18	3	N			

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SAMPLE	PARAMETER										
APB-SW-6001-0000-02	2,3,7,8-TCDD	APB-SW-6001-0000-02	1746-01-6	0.49	K	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,7,8-PeCDD	APB-SW-6001-0000-02	40321-76-4	0.36	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,4,7,8-HxCDD	APB-SW-6001-0000-02	39227-28-6	0.14	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,6,7,8-HxCDD	APB-SW-6001-0000-02	57653-85-7	0.13	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,7,8,9-HxCDD	APB-SW-6001-0000-02	19408-74-3	0.12	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,4,6,7,8-HpCDD	APB-SW-6001-0000-02	35822-46-9	2.18		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	OCDD	APB-SW-6001-0000-02	3268-87-9	13.47		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	2,3,7,8-TCDF	APB-SW-6001-0000-02	51207-31-9	0.26	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,7,8-PeCDF	APB-SW-6001-0000-02	57117-41-6	0.33	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	2,3,4,7,8-PeCDF	APB-SW-6001-0000-02	57117-31-4	0.27	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,4,7,8-HxCDF	APB-SW-6001-0000-02	70648-26-9	0.69		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,6,7,8-HxCDF	APB-SW-6001-0000-02	57117-44-9	0.30		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,7,8,9-HxCDF	APB-SW-6001-0000-02	72918-21-9	0.25	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	2,3,4,6,7,8-HxCDF	APB-SW-6001-0000-02	60851-34-5	0.21	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,4,6,7,8-HpCDF	APB-SW-6001-0000-02	67562-39-4	0.77		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	1,2,3,4,7,8,9-HpCDF	APB-SW-6001-0000-02	55673-89-7	0.26	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	OCDF	APB-SW-6001-0000-02	39001-02-0	1.42		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Tetra-Furans	APB-SW-6001-0000-02	55722-27-5	0.07	J	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Tetra-Dioxins	APB-SW-6001-0000-02	41903-57-5	0.49	K	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Penta-Furans	APB-SW-6001-0000-02	30402-15-4	0.05	J	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Penta-Dioxins	APB-SW-6001-0000-02	36088-22-9	0.17	J	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Hexa-Furans	APB-SW-6001-0000-02	55684-94-1	1.11		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Hexa-Dioxins	APB-SW-6001-0000-02	34465-46-8	0.13	U	PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Hepta-Furans	APB-SW-6001-0000-02	38998-75-3	1.57		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	Total Hepta-Dioxins	APB-SW-6001-0000-02	37871-00-4	3.70		PG/L	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-2,3,7,8-TCDD	APB-SW-6001-0000-02	76523-40-5	70		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,7,8-PeCDD	APB-SW-6001-0000-02	109719-79-1	74		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,4,7,8-HxCDD	APB-SW-6001-0000-02	109719-80-4	84		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,6,7,8-HxCDD	APB-SW-6001-0000-02	109719-81-5	89		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,4,6,7,8-HpCDD	APB-SW-6001-0000-02	109719-83-7	86		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-OCDD	APB-SW-6001-0000-02	114423-97-1	82		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-2,3,7,8-TCDF	APB-SW-6001-0000-02	89059-46-1	59		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,7,8-PeCDF	APB-SW-6001-0000-02	109719-77-9	62		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-2,3,4,7,8-PeCDF	APB-SW-6001-0000-02	116843-02-8	71		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,4,7,8-HxCDF	APB-SW-6001-0000-02	114423-98-2	78		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,6,7,8-HxCDF	APB-SW-6001-0000-02	116843-03-9	77		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,7,8,9-HxCDF	APB-SW-6001-0000-02	116843-04-0	74		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-2,3,4,6,7,8-HxCDF	APB-SW-6001-0000-02	116843-05-1	79		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,4,6,7,8-HpCDF	APB-SW-6001-0000-02	116843-09-5	77		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	13C-1,2,3,4,7,8,9-HpCDF	APB-SW-6001-0000-02	109719-94-0	77		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04
APB-SW-6001-0000-02	37Cl-2,3,7,8-TCDD	APB-SW-6001-0000-02	85508-50-5	75		PCT_REC	49715-80	BCO	49715-80-11	22-Dec-04	27-Dec-04

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APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.29	0.95		1		Lab Login ID = 50226-63-20	3	N	0.49	UEMPC	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.36	4.76		1		Lab Login ID = 50226-63-20	3	N	0.36	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.14	4.76		1		Lab Login ID = 50226-63-20	3	N	0.14	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.13	4.76		1		Lab Login ID = 50226-63-20	3	N	0.13	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.12	4.76		1		Lab Login ID = 50226-63-20	3	N	0.12	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.30	4.76		1		Lab Login ID = 50226-63-20	3	N	2.18	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.30	9.52		1		Lab Login ID = 50226-63-20	3	N	13.47	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.26	0.95		1		Lab Login ID = 50226-63-20	3	N	0.26	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.33	4.76		1		Lab Login ID = 50226-63-20	3	N	0.33	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.27	4.76		1		Lab Login ID = 50226-63-20	3	N	0.27	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.20	4.76		1		Lab Login ID = 50226-63-20	3	N	0.69	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.21	4.76		1		Lab Login ID = 50226-63-20	3	N	0.30	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.25	4.76		1		Lab Login ID = 50226-63-20	3	N	0.25	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.21	4.76		1		Lab Login ID = 50226-63-20	3	N	0.21	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.23	4.76		1		Lab Login ID = 50226-63-20	3	N	0.77	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.26	4.76		1		Lab Login ID = 50226-63-20	3	N	0.26	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.45	9.52		1		Lab Login ID = 50226-63-20	3	N	1.42	U	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.26	0.95		1		Lab Login ID = 50226-63-20	3	N	0.07	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.29	0.95		1		Lab Login ID = 50226-63-20	3	N	0.49	UJEMPC	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.30	4.76		1		Lab Login ID = 50226-63-20	3	N	0.05	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.36	4.76		1		Lab Login ID = 50226-63-20	3	N	0.17	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.22	4.76		1		Lab Login ID = 50226-63-20	3	N	1.11	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.13	4.76		1		Lab Login ID = 50226-63-20	3	N	0.13	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.24	4.76		1		Lab Login ID = 50226-63-20	3	N	1.57	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B	0.30	4.76		1		Lab Login ID = 50226-63-20	3	N	3.70	UJ	
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			
APB-SW-6001-0000-02	5-Jan-05	MOD 1613B				1		Lab Login ID = 50226-63-20	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	PARAMETER	FRACTION	CASRN	RT	RTWIN	ANALYTE	QC	PQL	QCTYPE	LABCODE	DATEEXTRACT
49715-80-13	2,3,7,8-TCDD	49715-80-13	1746-01-6	91		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,7,8-PeCDD	49715-80-13	40321-76-4	92		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,4,7,8-HxCDD	49715-80-13	39227-28-6	95		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,6,7,8-HxCDD	49715-80-13	57653-85-7	99		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,7,8,9-HxCDD	49715-80-13	19408-74-3	100		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,4,6,7,8-HpCDD	49715-80-13	35822-46-9	95		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	OCDD	49715-80-13	3268-87-9	98		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	2,3,7,8-TCDF	49715-80-13	51207-31-9	92		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,7,8-PeCDF	49715-80-13	57117-41-6	100		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	2,3,4,7,8-PeCDF	49715-80-13	57117-31-4	103		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,4,7,8-HxCDF	49715-80-13	70648-26-9	101		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,6,7,8-HxCDF	49715-80-13	57117-44-9	103		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,7,8,9-HxCDF	49715-80-13	72918-21-9	103		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	2,3,4,6,7,8-HxCDF	49715-80-13	60851-34-5	102		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,4,6,7,8-HpCDF	49715-80-13	67562-39-4	107		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	1,2,3,4,7,8,9-HpCDF	49715-80-13	55673-89-7	107		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	OCDF	49715-80-13	39001-02-0	94		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-2,3,7,8-TCDD	49715-80-13	76523-40-5	45		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,7,8-PeCDD	49715-80-13	109719-79-1	55		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,4,7,8-HxCDD	49715-80-13	109719-80-4	78		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,6,7,8-HxCDD	49715-80-13	109719-81-5	75		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,4,6,7,8-HpCDD	49715-80-13	109719-83-7	80		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-OCDD	49715-80-13	114423-97-1	78		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-2,3,7,8-TCDF	49715-80-13	89059-46-1	36		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,7,8-PeCDF	49715-80-13	109719-77-9	44		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-2,3,4,7,8-PeCDF	49715-80-13	116843-02-8	52		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,4,7,8-HxCDF	49715-80-13	114423-98-2	66		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,6,7,8-HxCDF	49715-80-13	116843-03-9	66		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,7,8,9-HxCDF	49715-80-13	116843-04-0	67		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-2,3,4,6,7,8-HxCDF	49715-80-13	116843-05-1	71		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,4,6,7,8-HpCDF	49715-80-13	116843-09-5	70		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	13C-1,2,3,4,7,8,9-HpCDF	49715-80-13	109719-94-0	69		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04
49715-80-13	37Cl-2,3,7,8-TCDD	49715-80-13	85508-50-5	49		PCT_REC	49715-80	BCO	49715-80-13		27-Dec-04

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49715-80-13	4-Jan-05	MOD 1613B	0.56	1.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.75	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.35	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.36	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.33	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	2.47	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.39	10.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.52	1.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.63	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.49	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.95	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.97	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	1.09	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.91	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	3.57	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	4.24	5.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B	0.51	10.00		1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				
49715-80-13	4-Jan-05	MOD 1613B				1			3	LCS				

Sediment

DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 49715-86

PROJECT:	USACE NAE Delivery Order #01 Centredale
PARAMETER:	Dioxin/Furan by High Resolution Mass Spectrometry (HRMS)
LABORATORY:	Battelle, Columbus, OH
MATRIX:	Sediment
SAMPLE CUSTODY:	Thirty-seven sediment samples were received at Battelle Columbus on April 8, 2005. Samples were received in good condition and the cooler temperature upon receipt was 6.1°C. Ten of the sediments were processed in QC Batch 49715-86. The remaining sediments will be reported separately.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL (pg/g dry)	Project Goals [c] (pg/g dry)
Dioxin/ Furan/	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: MS:* 50-120% Recovery [b]	≤30% PD[b]	≤30% RPD[b, d]	Tetras: 0.61 – 1.61 (54.89 for 1:40 dilution) Penta-Hepta: 3.06 – 8.06 Octas: 6.11 – 16.12 (548.86 for 1:40 dilution	Tetras: 0.008 – 0.587 Penta-Hepta: 0.008 – 2,050 Octas: 4,670-137,000

[a] Method 1613B, Table 6 OPR requirements documented on LCS summary report table.
[b] Certified values must be >5× the MDL.
[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) following general procedures in EPA Method 1613 as outlined in the Centredale Manor Restoration Tasks 19-22 QAPP (May 2005).

Sample Preparation – Ten of the 37 samples were processed in BATCH 49715-86. Samples were centrifuged prior to extraction and analysis to achieve a minimum dry weight of 30%. 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 ten samples plus five QC samples were prepared for PCDD/PCDF. The sediment/Hydromatrix mixtures were 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 at this time. The sediment /Hydromatrix mixtures were placed into Accelerated Solvent

METHOD: (cont)

Extraction (ASE) cells. The samples were ASE extracted using methylene chloride. Each extract went through gel permeation chromatography (GPC) cleanup then was spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was then processed through acid/base silica 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 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, or equivalent, column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF and a DB225 column was used for second column confirmation of 2,3,7,8-TCDF

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

1. Quality control samples processed with this batch of samples included one method blank, one LCS (OPR), one sediment standard reference material, one matrix spike, and one matrix spike duplicate.

2. The GC/HRMS instrumentation was calibrated for PCDD/PCDF at levels specified in Method 1613 with two additional calibration standards at concentrations equivalent to $^1/_{10}$ and ½ the level of Method 1613's lowest calibration point. The CS-0.5 is used to calculate the reporting limit and the CS-0.1 is used mainly a sensitivity check. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 5.5655 g of soil and a final sample volume of 20 µL: 0.90 to 720 pg/g dry for tetra compounds, 4.49 to 3,400 pg/g dry for penta through hepta compounds, and 8.98 to 7,190 pg/g dry for octa compounds.

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

The ending CS-3 calibration verification did not acquire after the last sample on analysis day 04/29/2005 due to an instrument lockmass malfunction. The following morning, prior to any instrumental changes, another injection of the CS-3 standard was made and met the project criteria (see the email in the HRMS section of the data package). The only sample from this batch affected is the 1:40 dilution of sample LPX-SD-4205-0240-0250.

Upon initial analysis it was found that 2,3,7,8-TCDD and OCDD were above the level of the calibration curve in sample LPX-SD-4205-0240-0250; therefore, sample LPX-SD-4205-0240-250 was diluted 1:40 and re-analyzed. The results for 2,3,7,8-TCDD and OCDD for this sample are reported from the dilution analysis.

HOLDING TIMES:

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

Batch	Extraction Date	Analysis Date
49715-86	04/12/2005	04/21-04/29/2005
		04/27-04/28/2005 (confirms)

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 49715-86

DETECTION LIMITS:

Dioxin/furan 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 CS-0.5 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 5.5-g dry

Achieved RLs did not meet project detection limit goals for some 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.

Analyte peaks which did not meet all identification criteria are reported as estimated maximum possible concentrations (EMPC) and flagged "K".

BLANKS:

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

49715-86– Several of the analytes were detected at a trace level; however, the levels detected were below the reporting level.

LABORATORY CONTROL SAMPLE:

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

49715-86– No exceedences.

The LCS sample met the criteria found in Table 6 of Method 1613, Revision B for PCDD/PCDF.

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.

49715-86– No exceedences.

For PCDD/PCDF, the matrix spike and matrix spike duplicate recoveries for analytes spiked >5x background were within the 50-120% limits. The RPD between duplicates for PCDD/PCDF analytes >5x background ranged from 0 - 13%.

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 49715-86

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

49715-86– 1 exceedence.

Recoveries of internal standards were within 25-150% for most analytes in all samples. One sample (LPX-SD-4205-0240-0250) had high recovery for the cleanup standard ($^{37}Cl_4$-2,3,7,8-TCDD) due to contribution from the high concentration of 2,3,7,8-TCDD found in the sample.

SRM: A standard reference material (Wellington DX-2) was prepared with the analytical batch. The percent difference (PD) between detected concentrations and certified values was calculated to measure data quality in terms of accuracy.

49715-86– No exceedances.

All certified analytes were found to be within the limit of 30% difference from certified values and all informational analytes were found to be within 30% difference limit from the informational values except for 1,2,3,7,8,9-HxCDF. The value for 1,2,3,7,8,9-HxCDF was within the informational value range.

REFERENCES:

Battelle 2005. *Centredale Manor Restoration Tasks 19-22 QAPP*. Tasks 19-22 QAPP prepared under contract to USACE NAE. May 2005.

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-86-20	DIOXIN	2,3,7,8-TCDD	49715-86-20	1746-01-6	0.17	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,7,8-PeCDD	49715-86-20	40321-76-4	0.15	J	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,4,7,8-HxCDD	49715-86-20	39227-28-6	0.30	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,6,7,8-HxCDD	49715-86-20	57653-85-7	0.30	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,7,8,9-HxCDD	49715-86-20	19408-74-3	0.29	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,4,6,7,8-HpCDD	49715-86-20	35822-46-9	1.06		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	OCDD	49715-86-20	3268-87-9	7.57		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	2,3,7,8-TCDF	49715-86-20	51207-31-9	0.44	U#	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,7,8-PeCDF	49715-86-20	57117-41-6	0.32	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	2,3,4,7,8-PeCDF	49715-86-20	57117-31-4	0.27	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,4,7,8-HxCDF	49715-86-20	70648-26-9	0.27		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,6,7,8-HxCDF	49715-86-20	57117-44-9	0.19	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,7,8,9-HxCDF	49715-86-20	72918-21-9	0.22	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	2,3,4,6,7,8-HxCDF	49715-86-20	60851-34-5	0.21	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,4,6,7,8-HpCDF	49715-86-20	67562-39-4	0.19	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	1,2,3,4,7,8,9-HpCDF	49715-86-20	55673-89-7	0.23	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	OCDF	49715-86-20	39001-02-0	1.11		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Tetra-Furans	49715-86-20	55722-27-5	0.26		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Tetra-Dioxins	49715-86-20	41903-57-5	0.17	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Penta-Furans	49715-86-20	30402-15-4	0.29	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Penta-Dioxins	49715-86-20	36088-22-9	0.45		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Hexa-Furans	49715-86-20	55684-94-1	0.27		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Hexa-Dioxins	49715-86-20	34465-46-8	0.29	U	PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Hepta-Furans	49715-86-20	38998-75-3	0.36		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	Total Hepta-Dioxins	49715-86-20	37871-00-4	1.89		PG/G_DRYWT		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-2,3,7,8-TCDD	49715-86-20	76523-40-5	64		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,7,8-PeCDD	49715-86-20	109719-79-1	71		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,4,7,8-HxCDD	49715-86-20	109719-80-4	75		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,6,7,8-HxCDD	49715-86-20	109719-81-5	68		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	49715-86-20	109719-83-7	84		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-OCDD	49715-86-20	114423-97-1	88		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-2,3,7,8-TCDF	49715-86-20	89059-46-1	71	#	PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,7,8-PeCDF	49715-86-20	109719-77-9	73		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-2,3,4,7,8-PeCDF	49715-86-20	116843-02-8	75		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,4,7,8-HxCDF	49715-86-20	114423-98-2	75		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,6,7,8-HxCDF	49715-86-20	116843-03-9	72		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,7,8,9-HxCDF	49715-86-20	116843-04-0	78		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-2,3,4,6,7,8-HxCDF	49715-86-20	116843-05-1	74		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	49715-86-20	116843-09-5	87		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	49715-86-20	109719-94-0	92		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05
49715-86-20	DIOXIN	37Cl-2,3,7,8-TCDD	49715-86-20	85508-50-5	90		PCT_REC		49715-86	BCO	49715-86-20		12-Apr-05

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SAMPLE	ANAL_DATE	METHOD											COMMENT
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49715-86-20	21-Apr-05	MOD 1613B				1	53.5	Login ID = 50171-49-02	3	MB			
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49715-86-20	21-Apr-05	MOD 1613B				1	53.5	Login ID = 50171-49-02	3	MB			
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49715-86-20	21-Apr-05	MOD 1613B				1	53.5	Login ID = 50171-49-02	3	MB			

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LPX-SD-4503-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4503-0024-0025	1746-01-6	31.73		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4503-0024-0025	40321-76-4	0.67	U	PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4503-0024-0025	39227-28-6	0.50	J	PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4503-0024-0025	57653-85-7	1.07	J	PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4503-0024-0025	19408-74-3	1.69		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0024-0025	35822-46-9	11.80		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	OCDD	LPX-SD-4503-0024-0025	3268-87-9	110.21		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4503-0024-0025	51207-31-9	3.97	#	PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4503-0024-0025	57117-41-6	1.83		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4503-0024-0025	57117-31-4	1.89		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4503-0024-0025	70648-26-9	4.34		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4503-0024-0025	57117-44-9	2.47		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4503-0024-0025	72918-21-9	1.32	U	PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4503-0024-0025	60851-34-5	1.83		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0024-0025	67562-39-4	16.07		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0024-0025	55673-89-7	1.03		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	OCDF	LPX-SD-4503-0024-0025	39001-02-0	13.87		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4503-0024-0025	55722-27-5	26.08		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4503-0024-0025	41903-57-5	34.42		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4503-0024-0025	30402-15-4	40.85		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4503-0024-0025	36088-22-9	2.16		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4503-0024-0025	55684-94-1	24.95		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4503-0024-0025	34465-46-8	8.78		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4503-0024-0025	38998-75-3	26.20		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4503-0024-0025	37871-00-4	23.48		PG/G_DRYWT		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4503-0024-0025	76523-40-5	73		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4503-0024-0025	109719-79-1	74		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4503-0024-0025	109719-80-4	76		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4503-0024-0025	109719-81-5	72		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0024-0025	109719-83-7	88		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4503-0024-0025	114423-97-1	92		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4503-0024-0025	89059-46-1	73	#	PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4503-0024-0025	109719-77-9	76		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4503-0024-0025	116843-02-8	75		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4503-0024-0025	114423-98-2	76		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4503-0024-0025	116843-03-9	74		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4503-0024-0025	116843-04-0	81		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4503-0024-0025	116843-05-1	76		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0024-0025	116843-09-5	95		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0024-0025	109719-94-0	100		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4503-0024-0025	85508-50-5	103		PCT_REC		49715-86	BCO	49715-86-02	8-Apr-05	12-Apr-05

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SAMPLE	ANAL DATE	METHOD											VQUAL	VALID COMMENT
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.51	1.51		1	33.1	Login ID = 50026-80-04	3	N	31.73			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.67	7.54		1	33.1	Login ID = 50026-80-04	3	N	0.67	U		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.71	7.54		1	33.1	Login ID = 50026-80-04	3	N	0.50	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.68	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.07	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.63	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.69			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.43	7.54		1	33.1	Login ID = 50026-80-04	3	N	11.80			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.46	15.08		1	33.1	Login ID = 50026-80-04	3	N	110.21	U		
LPX-SD-4503-0024-0025	27-Apr-05	MOD 1613B	0.77	1.51		1	33.1	Login ID = 50026-80-04	3	N	3.97	#		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.82	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.83			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.75	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.89			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.19	7.54		1	33.1	Login ID = 50026-80-04	3	N	4.34			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.18	7.54		1	33.1	Login ID = 50026-80-04	3	N	2.47			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.32	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.32	U		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.25	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.83			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.63	7.54		1	33.1	Login ID = 50026-80-04	3	N	16.07			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.77	7.54		1	33.1	Login ID = 50026-80-04	3	N	1.03			
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.50	15.08		1	33.1	Login ID = 50026-80-04	3	N	13.87	U		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.30	1.51		1	33.1	Login ID = 50026-80-04	3	N	26.08	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.51	1.51		1	33.1	Login ID = 50026-80-04	3	N	34.42	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.78	7.54		1	33.1	Login ID = 50026-80-04	3	N	40.85	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.67	7.54		1	33.1	Login ID = 50026-80-04	3	N	2.16	UJ		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.23	7.54		1	33.1	Login ID = 50026-80-04	3	N	24.95	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	1.67	7.54		1	33.1	Login ID = 50026-80-04	3	N	8.78	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.69	7.54		1	33.1	Login ID = 50026-80-04	3	N	26.20	J		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B	0.43	7.54		1	33.1	Login ID = 50026-80-04	3	N	23.48	UJ		
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	27-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				
LPX-SD-4503-0024-0025	21-Apr-05	MOD 1613B				1	33.1	Login ID = 50026-80-04	3	N				

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LPX-SD-4501-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4501-0024-0025	1746-01-6	0.39		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4501-0024-0025	40321-76-4	0.25	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4501-0024-0025	39227-28-6	0.28	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4501-0024-0025	57653-85-7	0.29	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4501-0024-0025	19408-74-3	0.28	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4501-0024-0025	35822-46-9	0.42		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	OCDD	LPX-SD-4501-0024-0025	3268-87-9	2.58		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4501-0024-0025	51207-31-9	0.14	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4501-0024-0025	57117-41-6	0.26	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4501-0024-0025	57117-31-4	0.22	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4501-0024-0025	70648-26-9	0.13		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4501-0024-0025	57117-44-9	0.11	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4501-0024-0025	72918-21-9	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4501-0024-0025	60851-34-5	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4501-0024-0025	67562-39-4	0.19	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4501-0024-0025	55673-89-7	0.22	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	OCDF	LPX-SD-4501-0024-0025	39001-02-0	0.23		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4501-0024-0025	55722-27-5	0.03	J	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4501-0024-0025	41903-57-5	0.39		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4501-0024-0025	30402-15-4	0.24	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4501-0024-0025	36088-22-9	0.25	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4501-0024-0025	55684-94-1	0.13		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4501-0024-0025	34465-46-8	0.28	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4501-0024-0025	38998-75-3	0.21	U	PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4501-0024-0025	37871-00-4	0.96		PG/G_DRYWT		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4501-0024-0025	76523-40-5	59		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4501-0024-0025	109719-79-1	69		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4501-0024-0025	109719-80-4	65		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4501-0024-0025	109719-81-5	63		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4501-0024-0025	109719-83-7	78		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4501-0024-0025	114423-97-1	82		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4501-0024-0025	89059-46-1	62		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4501-0024-0025	109719-77-9	70		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4501-0024-0025	116843-02-8	73		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4501-0024-0025	114423-98-2	69		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4501-0024-0025	116843-03-9	66		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4501-0024-0025	116843-04-0	74		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4501-0024-0025	116843-05-1	69		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4501-0024-0025	116843-09-5	77		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4501-0024-0025	109719-94-0	85		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05
LPX-SD-4501-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4501-0024-0025	85508-50-5	92		PCT_REC		49715-86	BCO	49715-86-03	8-Apr-05	12-Apr-05

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LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.19	0.72		1	68.57	Login ID = 50026-80-07	3	N	0.39		
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.25	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.25	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.28	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.28	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.29	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.29	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.28	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.28	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.24	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.42	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.17	7.23		1	68.57	Login ID = 50026-80-07	3	N	2.58	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.14	0.72		1	68.57	Login ID = 50026-80-07	3	N	0.14	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.26	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.26	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.22	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.22	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.11	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.13	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.11	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.11	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.12	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.12	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.12	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.12	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.19	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.19	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.22	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.22	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.19	7.23		1	68.57	Login ID = 50026-80-07	3	N	0.23	U	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.14	0.72		1	68.57	Login ID = 50026-80-07	3	N	0.03	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.19	0.72		1	68.57	Login ID = 50026-80-07	3	N	0.39	J	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.24	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.24	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.25	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.25	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.12	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.13	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.28	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.28	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.21	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.21	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B	0.24	3.61		1	68.57	Login ID = 50026-80-07	3	N	0.96	UJ	
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			
LPX-SD-4501-0024-0025	21-Apr-05	MOD 1613B				1	68.57	Login ID = 50026-80-07	3	N			

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LPX-SD-4502-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4502-0024-0025	1746-01-6	30.39		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4502-0024-0025	40321-76-4	0.78	U	PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4502-0024-0025	39227-28-6	0.44	J	PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4502-0024-0025	57653-85-7	1.12	J	PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4502-0024-0025	19408-74-3	1.70		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4502-0024-0025	35822-46-9	13.42		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	OCDD	LPX-SD-4502-0024-0025	3268-87-9	119.26		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4502-0024-0025	51207-31-9	10.89	#	PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4502-0024-0025	57117-41-6	3.49		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4502-0024-0025	57117-31-4	4.12		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4502-0024-0025	70648-26-9	7.21		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4502-0024-0025	57117-44-9	3.04	K	PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4502-0024-0025	72918-21-9	0.36	KJ	PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4502-0024-0025	60851-34-5	2.57		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4502-0024-0025	67562-39-4	17.16		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4502-0024-0025	55673-89-7	1.67		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	OCDF	LPX-SD-4502-0024-0025	39001-02-0	23.72		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4502-0024-0025	55722-27-5	39.51		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4502-0024-0025	41903-57-5	33.29		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4502-0024-0025	30402-15-4	73.46		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4502-0024-0025	36088-22-9	8.43		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4502-0024-0025	55684-94-1	33.69		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4502-0024-0025	34465-46-8	17.32		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4502-0024-0025	38998-75-3	27.38		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4502-0024-0025	37871-00-4	26.93		PG/G_DRYWT		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4502-0024-0025	76523-40-5	72		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4502-0024-0025	109719-79-1	77		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4502-0024-0025	109719-80-4	77		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4502-0024-0025	109719-81-5	75		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4502-0024-0025	109719-83-7	88		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4502-0024-0025	114423-97-1	91		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4502-0024-0025	89059-46-1	54	#	PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4502-0024-0025	109719-77-9	80		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4502-0024-0025	116843-02-8	77		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4502-0024-0025	114423-98-2	82		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4502-0024-0025	116843-03-9	79		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4502-0024-0025	116843-04-0	84		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4502-0024-0025	116843-05-1	79		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4502-0024-0025	116843-09-5	88		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4502-0024-0025	109719-94-0	97		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05
LPX-SD-4502-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4502-0024-0025	85508-50-5	100		PCT_REC		49715-86	BCO	49715-86-04	8-Apr-05	12-Apr-05

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LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.22	1.49		1	33.17	Login ID = 50026-80-10	3	N	30.39		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.78	7.47		1	33.17	Login ID = 50026-80-10	3	N	0.78	U	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	1.76	7.47		1	33.17	Login ID = 50026-80-10	3	N	0.44	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	1.76	7.47		1	33.17	Login ID = 50026-80-10	3	N	1.12	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	1.70	7.47		1	33.17	Login ID = 50026-80-10	3	N	1.70		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.67	7.47		1	33.17	Login ID = 50026-80-10	3	N	13.42		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.34	14.94		1	33.17	Login ID = 50026-80-10	3	N	119.26	U	
LPX-SD-4502-0024-0025	27-Apr-05	MOD 1613B	2.71	1.49		1	33.17	Login ID = 50026-80-10	3	N	10.89	#	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.62	7.47		1	33.17	Login ID = 50026-80-10	3	N	3.49		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.56	7.47		1	33.17	Login ID = 50026-80-10	3	N	4.12		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.37	7.47		1	33.17	Login ID = 50026-80-10	3	N	7.21		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.35	7.47		1	33.17	Login ID = 50026-80-10	3	N	3.04	*	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.41	7.47		1	33.17	Login ID = 50026-80-10	3	N	0.36	*	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.40	7.47		1	33.17	Login ID = 50026-80-10	3	N	2.57		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.53	7.47		1	33.17	Login ID = 50026-80-10	3	N	17.16		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.59	7.47		1	33.17	Login ID = 50026-80-10	3	N	1.67		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.55	14.94		1	33.17	Login ID = 50026-80-10	3	N	23.72		
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.25	1.49		1	33.17	Login ID = 50026-80-10	3	N	39.51	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.22	1.49		1	33.17	Login ID = 50026-80-10	3	N	33.29	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.59	7.47		1	33.17	Login ID = 50026-80-10	3	N	73.46	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.78	7.47		1	33.17	Login ID = 50026-80-10	3	N	8.43	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.38	7.47		1	33.17	Login ID = 50026-80-10	3	N	33.69	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	1.74	7.47		1	33.17	Login ID = 50026-80-10	3	N	17.32	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.56	7.47		1	33.17	Login ID = 50026-80-10	3	N	27.38	J	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B	0.67	7.47		1	33.17	Login ID = 50026-80-10	3	N	26.93	UJ	
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	27-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			
LPX-SD-4502-0024-0025	21-Apr-05	MOD 1613B				1	33.17	Login ID = 50026-80-10	3	N			

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LPX-SD-4504-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4504-0024-0025	1746-01-6	41.02		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4504-0024-0025	40321-76-4	11.45		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4504-0024-0025	39227-28-6	11.61		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4504-0024-0025	57653-85-7	46.65		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4504-0024-0025	19408-74-3	49.78		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4504-0024-0025	35822-46-9	583.26		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	OCDD	LPX-SD-4504-0024-0025	3268-87-9	2837.11		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4504-0024-0025	51207-31-9	34.77	#	PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4504-0024-0025	57117-41-6	21.28	J	PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4504-0024-0025	57117-31-4	36.20		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4504-0024-0025	70648-26-9	85.98		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4504-0024-0025	57117-44-9	89.38		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4504-0024-0025	72918-21-9	4.04	J	PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4504-0024-0025	60851-34-5	53.84		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4504-0024-0025	67562-39-4	1418.31		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4504-0024-0025	55673-89-7	32.06		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	OCDF	LPX-SD-4504-0024-0025	39001-02-0	858.99		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4504-0024-0025	55722-27-5	478.10		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4504-0024-0025	41903-57-5	53.25		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4504-0024-0025	30402-15-4	1971.62		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4504-0024-0025	36088-22-9	141.71		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4504-0024-0025	55684-94-1	1928.34		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4504-0024-0025	34465-46-8	481.69		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4504-0024-0025	38998-75-3	2330.66		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4504-0024-0025	37871-00-4	1194.26		PG/G_DRYWT		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4504-0024-0025	76523-40-5	72		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4504-0024-0025	109719-79-1	76		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4504-0024-0025	109719-80-4	79		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4504-0024-0025	109719-81-5	74		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4504-0024-0025	109719-83-7	86		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4504-0024-0025	114423-97-1	92		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4504-0024-0025	89059-46-1	57	#	PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4504-0024-0025	109719-77-9	80		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4504-0024-0025	116843-02-8	81		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4504-0024-0025	114423-98-2	81		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4504-0024-0025	116843-03-9	79		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4504-0024-0025	116843-04-0	86		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4504-0024-0025	116843-05-1	81		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4504-0024-0025	116843-09-5	89		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4504-0024-0025	109719-94-0	97		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05
LPX-SD-4504-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4504-0024-0025	85508-50-5	97		PCT_REC		49715-86	BCO	49715-86-05	8-Apr-05	12-Apr-05

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LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.34	1.55		1	32.01	Login ID = 50026-80-13	3	N	41.02		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.90	7.74		1	32.01	Login ID = 50026-80-13	3	N	11.45		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	1.85	7.74		1	32.01	Login ID = 50026-80-13	3	N	11.61		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	1.81	7.74		1	32.01	Login ID = 50026-80-13	3	N	46.65		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	1.77	7.74		1	32.01	Login ID = 50026-80-13	3	N	49.78		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.65	7.74		1	32.01	Login ID = 50026-80-13	3	N	583.26		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.45	15.48		1	32.01	Login ID = 50026-80-13	3	N	2837.11		
LPX-SD-4504-0024-0025	27-Apr-05	MOD 1613B	0.79	1.55		1	32.01	Login ID = 50026-80-13	3	N	34.77	#	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	40.80	7.74		1	32.01	Login ID = 50026-80-13	3	N	21.28	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	36.09	7.74		1	32.01	Login ID = 50026-80-13	3	N	36.20		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	20.80	7.74		1	32.01	Login ID = 50026-80-13	3	N	85.98		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	20.26	7.74		1	32.01	Login ID = 50026-80-13	3	N	89.38		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	23.70	7.74		1	32.01	Login ID = 50026-80-13	3	N	4.04	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	22.37	7.74		1	32.01	Login ID = 50026-80-13	3	N	53.84		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.26	7.74		1	32.01	Login ID = 50026-80-13	3	N	1418.31		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.30	7.74		1	32.01	Login ID = 50026-80-13	3	N	32.06		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.47	15.48		1	32.01	Login ID = 50026-80-13	3	N	858.99		
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.25	1.55		1	32.01	Login ID = 50026-80-13	3	N	478.10	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.34	1.55		1	32.01	Login ID = 50026-80-13	3	N	53.25	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	38.46	7.74		1	32.01	Login ID = 50026-80-13	3	N	1971.62	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.90	7.74		1	32.01	Login ID = 50026-80-13	3	N	141.71	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	21.67	7.74		1	32.01	Login ID = 50026-80-13	3	N	1928.34	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	1.81	7.74		1	32.01	Login ID = 50026-80-13	3	N	481.69	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.28	7.74		1	32.01	Login ID = 50026-80-13	3	N	2330.66	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B	0.65	7.74		1	32.01	Login ID = 50026-80-13	3	N	1194.26	J	
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	27-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			
LPX-SD-4504-0024-0025	21-Apr-05	MOD 1613B				1	32.01	Login ID = 50026-80-13	3	N			

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LPX-SD-4507-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4507-0024-0025	1746-01-6	7.73		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4507-0024-0025	40321-76-4	1.00	U	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4507-0024-0025	39227-28-6	2.65	U	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4507-0024-0025	57653-85-7	2.65	U	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4507-0024-0025	19408-74-3	0.93	J	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4507-0024-0025	35822-46-9	5.59		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	OCDD	LPX-SD-4507-0024-0025	3268-87-9	61.91		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4507-0024-0025	51207-31-9	4.54	#	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4507-0024-0025	57117-41-6	1.43	K	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4507-0024-0025	57117-31-4	1.52		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4507-0024-0025	70648-26-9	3.48		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4507-0024-0025	57117-44-9	1.35	J	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4507-0024-0025	72918-21-9	0.15	KJ	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4507-0024-0025	60851-34-5	1.36	KJ	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4507-0024-0025	67562-39-4	6.90		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4507-0024-0025	55673-89-7	0.86	J	PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	OCDF	LPX-SD-4507-0024-0025	39001-02-0	7.05		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4507-0024-0025	55722-27-5	17.95		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4507-0024-0025	41903-57-5	9.90		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4507-0024-0025	30402-15-4	28.50		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4507-0024-0025	36088-22-9	1.07		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4507-0024-0025	55684-94-1	12.98		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4507-0024-0025	34465-46-8	4.98		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4507-0024-0025	38998-75-3	10.02		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4507-0024-0025	37871-00-4	11.24		PG/G_DRYWT		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4507-0024-0025	76523-40-5	75		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4507-0024-0025	109719-79-1	76		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4507-0024-0025	109719-80-4	73		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4507-0024-0025	109719-81-5	69		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4507-0024-0025	109719-83-7	85		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4507-0024-0025	114423-97-1	87		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4507-0024-0025	89059-46-1	75	#	PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4507-0024-0025	109719-77-9	80		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4507-0024-0025	116843-02-8	77		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4507-0024-0025	114423-98-2	77		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4507-0024-0025	116843-03-9	74		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4507-0024-0025	116843-04-0	80		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4507-0024-0025	116843-05-1	74		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4507-0024-0025	116843-09-5	89		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4507-0024-0025	109719-94-0	95		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05
LPX-SD-4507-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4507-0024-0025	85508-50-5	108		PCT_REC		49715-86	BCO	49715-86-08	8-Apr-05	12-Apr-05

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LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.40	1.61		1	30.76	Login ID = 50026-80-22	3	N	7.73		
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.00	8.06		1	30.76	Login ID = 50026-80-22	3	N	1.00	U	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	2.65	8.06		1	30.76	Login ID = 50026-80-22	3	N	2.65	U	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	2.65	8.06		1	30.76	Login ID = 50026-80-22	3	N	2.65	U	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	2.56	8.06		1	30.76	Login ID = 50026-80-22	3	N	0.93	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.54	8.06		1	30.76	Login ID = 50026-80-22	3	N	5.59	U	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.58	16.12		1	30.76	Login ID = 50026-80-22	3	N	61.91	U	
LPX-SD-4507-0024-0025	28-Apr-05	MOD 1613B	0.88	1.61		1	30.76	Login ID = 50026-80-22	3	N	4.54	#	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.74	8.06		1	30.76	Login ID = 50026-80-22	3	N	1.43	*	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.67	8.06		1	30.76	Login ID = 50026-80-22	3	N	1.52		
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.56	8.06		1	30.76	Login ID = 50026-80-22	3	N	3.48		
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.48	8.06		1	30.76	Login ID = 50026-80-22	3	N	1.35		
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.72	8.06		1	30.76	Login ID = 50026-80-22	3	N	0.15	*	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.68	8.06		1	30.76	Login ID = 50026-80-22	3	N	1.36	*	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.24	8.06		1	30.76	Login ID = 50026-80-22	3	N	6.90		
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.47	8.06		1	30.76	Login ID = 50026-80-22	3	N	0.86	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.68	16.12		1	30.76	Login ID = 50026-80-22	3	N	7.05	U	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.31	1.61		1	30.76	Login ID = 50026-80-22	3	N	17.95	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.40	1.61		1	30.76	Login ID = 50026-80-22	3	N	9.90	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.70	8.06		1	30.76	Login ID = 50026-80-22	3	N	28.50	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.00	8.06		1	30.76	Login ID = 50026-80-22	3	N	1.07	UJ	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.60	8.06		1	30.76	Login ID = 50026-80-22	3	N	12.98	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	2.62	8.06		1	30.76	Login ID = 50026-80-22	3	N	4.98	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	1.35	8.06		1	30.76	Login ID = 50026-80-22	3	N	10.02	J	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B	0.54	8.06		1	30.76	Login ID = 50026-80-22	3	N	11.24	UJ	
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	28-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			
LPX-SD-4507-0024-0025	21-Apr-05	MOD 1613B				1	30.76	Login ID = 50026-80-22	3	N			

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LPX-SD-4508-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4508-0024-0025	1746-01-6	0.56		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4508-0024-0025	40321-76-4	0.03	J	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4508-0024-0025	39227-28-6	0.13	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4508-0024-0025	57653-85-7	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4508-0024-0025	19408-74-3	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0024-0025	35822-46-9	0.79		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	OCDD	LPX-SD-4508-0024-0025	3268-87-9	5.02		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4508-0024-0025	51207-31-9	0.10	J	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4508-0024-0025	57117-41-6	0.20	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4508-0024-0025	57117-31-4	0.17	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4508-0024-0025	70648-26-9	0.11	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4508-0024-0025	57117-44-9	0.10	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4508-0024-0025	72918-21-9	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4508-0024-0025	60851-34-5	0.11	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0024-0025	67562-39-4	0.27		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0024-0025	55673-89-7	0.24	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	OCDF	LPX-SD-4508-0024-0025	39001-02-0	0.35		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4508-0024-0025	55722-27-5	0.12	J	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4508-0024-0025	41903-57-5	0.60		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4508-0024-0025	30402-15-4	0.21		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4508-0024-0025	36088-22-9	0.05	J	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4508-0024-0025	55684-94-1	0.03	J	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4508-0024-0025	34465-46-8	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4508-0024-0025	38998-75-3	0.27		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4508-0024-0025	37871-00-4	1.42		PG/G_DRYWT		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4508-0024-0025	76523-40-5	63		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4508-0024-0025	109719-79-1	77		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4508-0024-0025	109719-80-4	78		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4508-0024-0025	109719-81-5	71		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0024-0025	109719-83-7	88		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4508-0024-0025	114423-97-1	92		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4508-0024-0025	89059-46-1	63		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4508-0024-0025	109719-77-9	78		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4508-0024-0025	116843-02-8	80		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4508-0024-0025	114423-98-2	76		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4508-0024-0025	116843-03-9	75		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4508-0024-0025	116843-04-0	81		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4508-0024-0025	116843-05-1	77		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0024-0025	116843-09-5	90		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0024-0025	109719-94-0	98		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05
LPX-SD-4508-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4508-0024-0025	85508-50-5	89		PCT_REC		49715-86	BCO	49715-86-09	8-Apr-05	12-Apr-05

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SAMPLE	ANALYSIS	METHOD												
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.16	0.61		1	81.69	Login ID = 50026-80-25	3	N		0.56		
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.10	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.03	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.13	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.13	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.12	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.12	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.12	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.12	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.25	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.79	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.17	6.11		1	81.69	Login ID = 50026-80-25	3	N		5.02	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.14	0.61		1	81.69	Login ID = 50026-80-25	3	N		0.10	J	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.20	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.20	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.17	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.17	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.11	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.11	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.10	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.10	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.12	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.12	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.11	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.11	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.21	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.27	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.24	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.24	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.18	6.11		1	81.69	Login ID = 50026-80-25	3	N		0.35	U	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.14	0.61		1	81.69	Login ID = 50026-80-25	3	N		0.12	UJ	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.16	0.61		1	81.69	Login ID = 50026-80-25	3	N		0.60	J	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.18	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.21	J	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.10	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.05	UJ	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.11	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.03	UJ	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.12	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.12	UJ	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.22	3.06		1	81.69	Login ID = 50026-80-25	3	N		0.27	UJ	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B	0.25	3.06		1	81.69	Login ID = 50026-80-25	3	N		1.42	UJ	
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				
LPX-SD-4508-0024-0025	21-Apr-05	MOD 1613B				1	81.69	Login ID = 50026-80-25	3	N				

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LPX-SD-4509-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4509-0024-0025	1746-01-6	1.37		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4509-0024-0025	40321-76-4	0.54	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4509-0024-0025	39227-28-6	1.25	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4509-0024-0025	57653-85-7	1.24	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4509-0024-0025	19408-74-3	1.21	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4509-0024-0025	35822-46-9	1.95		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	OCDD	LPX-SD-4509-0024-0025	3268-87-9	39.08		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4509-0024-0025	51207-31-9	1.04	#	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4509-0024-0025	57117-41-6	0.29	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4509-0024-0025	57117-31-4	0.25	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4509-0024-0025	70648-26-9	1.30		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4509-0024-0025	57117-44-9	0.50	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4509-0024-0025	72918-21-9	0.60	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4509-0024-0025	60851-34-5	0.56	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4509-0024-0025	67562-39-4	1.24		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4509-0024-0025	55673-89-7	0.23		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	OCDF	LPX-SD-4509-0024-0025	39001-02-0	1.21		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4509-0024-0025	55722-27-5	3.90		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4509-0024-0025	41903-57-5	1.83		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4509-0024-0025	30402-15-4	0.19	J	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4509-0024-0025	36088-22-9	0.30	J	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4509-0024-0025	55684-94-1	1.30		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4509-0024-0025	34465-46-8	1.24	U	PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4509-0024-0025	38998-75-3	1.47		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4509-0024-0025	37871-00-4	2.03		PG/G_DRYWT		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4509-0024-0025	76523-40-5	81		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4509-0024-0025	109719-79-1	84		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4509-0024-0025	109719-80-4	82		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4509-0024-0025	109719-81-5	75		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4509-0024-0025	109719-83-7	90		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4509-0024-0025	114423-97-1	92		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4509-0024-0025	89059-46-1	84	#	PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4509-0024-0025	109719-77-9	83		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4509-0024-0025	116843-02-8	83		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4509-0024-0025	114423-98-2	83		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4509-0024-0025	116843-03-9	85		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4509-0024-0025	116843-04-0	88		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4509-0024-0025	116843-05-1	83		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4509-0024-0025	116843-09-5	92		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4509-0024-0025	109719-94-0	102		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05
LPX-SD-4509-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4509-0024-0025	85508-50-5	103		PCT_REC		49715-86	BCO	49715-86-10	8-Apr-05	12-Apr-05

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SAMPLE	ANAL DATE	METHOD											
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.07	1.10		1	45.43	Login ID = 50026-81-04	3	N	1.37		
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.54	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.54	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	1.25	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.25	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	1.24	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.24	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	1.21	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.21	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.91	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.95	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.23	11.04		1	45.43	Login ID = 50026-81-04	3	N	39.08	U	
LPX-SD-4509-0024-0025	28-Apr-05	MOD 1613B	0.72	1.10		1	45.43	Login ID = 50026-81-04	3	N	1.04	#	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.29	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.29	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.25	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.25	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.52	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.30	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.50	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.50	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.60	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.60	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.56	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.56	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.18	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.24	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.20	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.23		
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.30	11.04		1	45.43	Login ID = 50026-81-04	3	N	1.21	U	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.18	1.10		1	45.43	Login ID = 50026-81-04	3	N	3.90	J	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.07	1.10		1	45.43	Login ID = 50026-81-04	3	N	1.83	J	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.27	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.19	J	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.54	5.52		1	45.43	Login ID = 50026-81-04	3	N	0.30	UJ	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.54	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.30	UJ	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	1.24	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.24	UJ	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.19	5.52		1	45.43	Login ID = 50026-81-04	3	N	1.47	UJ	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B	0.91	5.52		1	45.43	Login ID = 50026-81-04	3	N	2.03	UJ	
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	28-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			
LPX-SD-4509-0024-0025	22-Apr-05	MOD 1613B				1	45.43	Login ID = 50026-81-04	3	N			

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LPX-SD-4204-0235-0245	DIOXIN	2,3,7,8-TCDD	LPX-SD-4204-0235-0245	1746-01-6	0.07	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4204-0235-0245	40321-76-4	0.10	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4204-0235-0245	39227-28-6	0.44	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4204-0235-0245	57653-85-7	0.42	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4204-0235-0245	19408-74-3	0.42	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4204-0235-0245	35822-46-9	0.69	K	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	OCDD	LPX-SD-4204-0235-0245	3268-87-9	5.79		PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	2,3,7,8-TCDF	LPX-SD-4204-0235-0245	51207-31-9	0.08	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4204-0235-0245	57117-41-6	0.12	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4204-0235-0245	57117-31-4	0.10	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4204-0235-0245	70648-26-9	0.06	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4204-0235-0245	57117-44-9	0.06	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4204-0235-0245	72918-21-9	0.08	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4204-0235-0245	60851-34-5	0.07	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4204-0235-0245	67562-39-4	0.14	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4204-0235-0245	55673-89-7	0.17	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	OCDF	LPX-SD-4204-0235-0245	39001-02-0	0.16	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Tetra-Furans	LPX-SD-4204-0235-0245	55722-27-5	0.46		PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Tetra-Dioxins	LPX-SD-4204-0235-0245	41903-57-5	0.07	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Penta-Furans	LPX-SD-4204-0235-0245	30402-15-4	0.12		PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Penta-Dioxins	LPX-SD-4204-0235-0245	36088-22-9	0.17		PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Hexa-Furans	LPX-SD-4204-0235-0245	55684-94-1	0.03	J	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Hexa-Dioxins	LPX-SD-4204-0235-0245	34465-46-8	0.63		PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Hepta-Furans	LPX-SD-4204-0235-0245	38998-75-3	0.15	U	PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	Total Hepta-Dioxins	LPX-SD-4204-0235-0245	37871-00-4	0.69		PG/G_DRYWT		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4204-0235-0245	76523-40-5	63		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4204-0235-0245	109719-79-1	72		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4204-0235-0245	109719-80-4	69		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4204-0235-0245	109719-81-5	64		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4204-0235-0245	109719-83-7	78		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-OCDD	LPX-SD-4204-0235-0245	114423-97-1	80		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4204-0235-0245	89059-46-1	64		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4204-0235-0245	109719-77-9	68		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4204-0235-0245	116843-02-8	73		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4204-0235-0245	114423-98-2	73		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4204-0235-0245	116843-03-9	70		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4204-0235-0245	116843-04-0	72		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4204-0235-0245	116843-05-1	73		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4204-0235-0245	116843-09-5	80		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4204-0235-0245	109719-94-0	82		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05
LPX-SD-4204-0235-0245	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4204-0235-0245	85508-50-5	86		PCT_REC		49715-86	BCO	49715-86-12	8-Apr-05	12-Apr-05

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LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.07	0.68		1	72.94	Login ID = 50026-81-10	3	N	0.07	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.10	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.10	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.44	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.44	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.42	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.42	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.42	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.42	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.13	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.69	*U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.17	6.77		1	72.94	Login ID = 50026-81-10	3	N	5.79	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.08	0.68		1	72.94	Login ID = 50026-81-10	3	N	0.08	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.12	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.12	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.10	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.10	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.06	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.06	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.06	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.06	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.08	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.08	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.07	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.07	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.14	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.14	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.17	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.17	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.16	6.77		1	72.94	Login ID = 50026-81-10	3	N	0.16	U	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.08	0.68		1	72.94	Login ID = 50026-81-10	3	N	0.46	UJ	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.07	0.68		1	72.94	Login ID = 50026-81-10	3	N	0.07	UJ	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.11	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.12	J	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.10	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.17	UJ	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.07	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.03	UJ	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.43	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.63	J	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.15	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.15	UJ	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B	0.13	3.39		1	72.94	Login ID = 50026-81-10	3	N	0.69	UJ	
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			
LPX-SD-4204-0235-0245	22-Apr-05	MOD 1613B				1	72.94	Login ID = 50026-81-10	3	N			

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LPX-SD-4205-0240-0250	DIOXIN	2,3,7,8-TCDD	LPX-SD-4205-0240-0250	1746-01-6	49420.66	D	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4205-0240-0250	40321-76-4	164.13		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4205-0240-0250	39227-28-6	56.33		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4205-0240-0250	57653-85-7	130.28		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4205-0240-0250	19408-74-3	146.66		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4205-0240-0250	35822-46-9	3214.62		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	OCDD	LPX-SD-4205-0240-0250	3268-87-9	16329.75	D	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	2,3,7,8-TCDF	LPX-SD-4205-0240-0250	51207-31-9	217.36	#	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4205-0240-0250	57117-41-6	14.52	J	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4205-0240-0250	57117-31-4	76.63		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4205-0240-0250	70648-26-9	103.69		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4205-0240-0250	57117-44-9	48.10	J	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4205-0240-0250	72918-21-9	2.08	J	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4205-0240-0250	60851-34-5	42.64	J	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4205-0240-0250	67562-39-4	463.18		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4205-0240-0250	55673-89-7	27.68	J	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	OCDF	LPX-SD-4205-0240-0250	39001-02-0	542.04		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Tetra-Furans	LPX-SD-4205-0240-0250	55722-27-5	4023.18		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Tetra-Dioxins	LPX-SD-4205-0240-0250	41903-57-5	506070.84	D	PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Penta-Furans	LPX-SD-4205-0240-0250	30402-15-4	6038.88		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Penta-Dioxins	LPX-SD-4205-0240-0250	36088-22-9	1066.80		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Hexa-Furans	LPX-SD-4205-0240-0250	55684-94-1	1382.55		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Hexa-Dioxins	LPX-SD-4205-0240-0250	34465-46-8	1173.41		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Hepta-Furans	LPX-SD-4205-0240-0250	38998-75-3	928.57		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	Total Hepta-Dioxins	LPX-SD-4205-0240-0250	37871-00-4	5586.80		PG/G_DRYWT		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4205-0240-0250	76523-40-5	58	D	PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4205-0240-0250	109719-79-1	80		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4205-0240-0250	109719-80-4	78		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4205-0240-0250	109719-81-5	76		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4205-0240-0250	109719-83-7	93		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-OCDD	LPX-SD-4205-0240-0250	114423-97-1	112	D	PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4205-0240-0250	89059-46-1	43	#	PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4205-0240-0250	109719-77-9	79		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4205-0240-0250	116843-02-8	79		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4205-0240-0250	114423-98-2	78		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4205-0240-0250	116843-03-9	79		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4205-0240-0250	116843-04-0	82		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4205-0240-0250	116843-05-1	81		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4205-0240-0250	116843-09-5	94		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4205-0240-0250	109719-94-0	100		PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05
LPX-SD-4205-0240-0250	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4205-0240-0250	85508-50-5	271	&	PCT_REC		49715-86	BCO	49715-86-14	8-Apr-05	12-Apr-05

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LPX-SD-4205-0240-0250	29-Apr-05	MOD 1613B	38.27	54.89		40	36.32	Login ID = 50026-81-13	3	N	49420.66	J	1:40 Dilution
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	3.46	6.86		1	36.32	Login ID = 50026-81-13	3	N	164.13	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	1.56	6.86		1	36.32	Login ID = 50026-81-13	3	N	56.33	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	1.52	6.86		1	36.32	Login ID = 50026-81-13	3	N	130.28	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	1.49	6.86		1	36.32	Login ID = 50026-81-13	3	N	146.66	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	0.86	6.86		1	36.32	Login ID = 50026-81-13	3	N	3214.62	J	
LPX-SD-4205-0240-0250	29-Apr-05	MOD 1613B	69.00	548.86		40	36.32	Login ID = 50026-81-13	3	N	16329.75	J	1:40 Dilution
LPX-SD-4205-0240-0250	28-Apr-05	MOD 1613B	8.38	1.37		4	36.32	Login ID = 50026-81-13	3	N	217.36	#	1:4 Dilution
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	19.63	6.86		1	36.32	Login ID = 50026-81-13	3	N	14.52	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	17.52	6.86		1	36.32	Login ID = 50026-81-13	3	N	76.63	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	52.94	6.86		1	36.32	Login ID = 50026-81-13	3	N	103.69	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	50.13	6.86		1	36.32	Login ID = 50026-81-13	3	N	48.10	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	60.54	6.86		1	36.32	Login ID = 50026-81-13	3	N	2.08	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	54.71	6.86		1	36.32	Login ID = 50026-81-13	3	N	42.64	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	61.28	6.86		1	36.32	Login ID = 50026-81-13	3	N	463.18	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	71.60	6.86		1	36.32	Login ID = 50026-81-13	3	N	27.68	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	0.52	13.72		1	36.32	Login ID = 50026-81-13	3	N	542.04	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	0.52	1.37		1	36.32	Login ID = 50026-81-13	3	N	4023.18	J	
LPX-SD-4205-0240-0250	29-Apr-05	MOD 1613B	38.27	54.89		40	36.32	Login ID = 50026-81-13	3	N	506070.84	J	1:40 Dilution
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	18.59	6.86		1	36.32	Login ID = 50026-81-13	3	N	6038.88	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	3.46	6.86		1	36.32	Login ID = 50026-81-13	3	N	1066.80	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	54.22	6.86		1	36.32	Login ID = 50026-81-13	3	N	1382.55	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	1.52	6.86		1	36.32	Login ID = 50026-81-13	3	N	1173.41	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	66.02	6.86		1	36.32	Login ID = 50026-81-13	3	N	928.57	J	
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B	0.86	6.86		1	36.32	Login ID = 50026-81-13	3	N	5586.80	J	
LPX-SD-4205-0240-0250	29-Apr-05	MOD 1613B				40	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	29-Apr-05	MOD 1613B				40	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	28-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			
LPX-SD-4205-0240-0250	22-Apr-05	MOD 1613B				1	36.32	Login ID = 50026-81-13	3	N			

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LPX-SD-4209-0245-0255	DIOXIN	2,3,7,8-TCDD	LPX-SD-4209-0245-0255	1746-01-6	54.34		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4209-0245-0255	40321-76-4	1.60	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4209-0245-0255	39227-28-6	5.48	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4209-0245-0255	57653-85-7	5.62	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4209-0245-0255	19408-74-3	5.36	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4209-0245-0255	35822-46-9	7.86		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	OCDD	LPX-SD-4209-0245-0255	3268-87-9	74.67		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	2,3,7,8-TCDF	LPX-SD-4209-0245-0255	51207-31-9	0.54	K#J	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4209-0245-0255	57117-41-6	0.80	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4209-0245-0255	57117-31-4	0.70	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4209-0245-0255	70648-26-9	0.68	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4209-0245-0255	57117-44-9	1.22		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4209-0245-0255	72918-21-9	0.76	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4209-0245-0255	60851-34-5	0.72	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4209-0245-0255	67562-39-4	11.55		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4209-0245-0255	55673-89-7	1.28	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	OCDF	LPX-SD-4209-0245-0255	39001-02-0	7.86		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Tetra-Furans	LPX-SD-4209-0245-0255	55722-27-5	6.21		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Tetra-Dioxins	LPX-SD-4209-0245-0255	41903-57-5	56.78		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Penta-Furans	LPX-SD-4209-0245-0255	30402-15-4	13.80		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Penta-Dioxins	LPX-SD-4209-0245-0255	36088-22-9	1.60	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Hexa-Furans	LPX-SD-4209-0245-0255	55684-94-1	9.87		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Hexa-Dioxins	LPX-SD-4209-0245-0255	34465-46-8	5.49	U	PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Hepta-Furans	LPX-SD-4209-0245-0255	38998-75-3	18.32		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	Total Hepta-Dioxins	LPX-SD-4209-0245-0255	37871-00-4	15.05		PG/G_DRYWT		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4209-0245-0255	76523-40-5	78		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4209-0245-0255	109719-79-1	82		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4209-0245-0255	109719-80-4	82		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4209-0245-0255	109719-81-5	79		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4209-0245-0255	109719-83-7	98		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-OCDD	LPX-SD-4209-0245-0255	114423-97-1	98		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4209-0245-0255	89059-46-1	87	#	PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4209-0245-0255	109719-77-9	80		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4209-0245-0255	116843-02-8	81		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4209-0245-0255	114423-98-2	86		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4209-0245-0255	116843-03-9	83		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4209-0245-0255	116843-04-0	92		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4209-0245-0255	116843-05-1	89		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4209-0245-0255	116843-09-5	102		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4209-0245-0255	109719-94-0	110		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05
LPX-SD-4209-0245-0255	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4209-0245-0255	85508-50-5	100		PCT_REC		49715-86	BCO	49715-86-15	8-Apr-05	12-Apr-05

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SAMPLE	ANAL_DATE	METHOD	MDL	RL										
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.39	1.21		1	40.88	Login ID = 50026-81-14	3	N	54.34		
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.60	6.06		1	40.88	Login ID = 50026-81-14	3	N	1.60	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	5.48	6.06		1	40.88	Login ID = 50026-81-14	3	N	5.48	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	5.62	6.06		1	40.88	Login ID = 50026-81-14	3	N	5.62	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	5.36	6.06		1	40.88	Login ID = 50026-81-14	3	N	5.36	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.38	6.06		1	40.88	Login ID = 50026-81-14	3	N	7.86		
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.10	12.11		1	40.88	Login ID = 50026-81-14	3	N	74.67	U	
LPX-SD-4209-0245-0255	28-Apr-05	MOD 1613B	1.26	1.21		1	40.88	Login ID = 50026-81-14	3	N	0.54	*#	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.80	6.06		1	40.88	Login ID = 50026-81-14	3	N	0.80	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.70	6.06		1	40.88	Login ID = 50026-81-14	3	N	0.70	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.68	6.06		1	40.88	Login ID = 50026-81-14	3	N	0.68	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.67	6.06		1	40.88	Login ID = 50026-81-14	3	N	1.22		
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.76	6.06		1	40.88	Login ID = 50026-81-14	3	N	0.76	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.72	6.06		1	40.88	Login ID = 50026-81-14	3	N	0.72	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.11	6.06		1	40.88	Login ID = 50026-81-14	3	N	11.55		
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.28	6.06		1	40.88	Login ID = 50026-81-14	3	N	1.28	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.30	12.11		1	40.88	Login ID = 50026-81-14	3	N	7.86	U	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.13	1.21		1	40.88	Login ID = 50026-81-14	3	N	6.21	J	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.39	1.21		1	40.88	Login ID = 50026-81-14	3	N	56.78	J	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.75	6.06		1	40.88	Login ID = 50026-81-14	3	N	13.80	J	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.60	6.06		1	40.88	Login ID = 50026-81-14	3	N	1.60	UJ	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	0.71	6.06		1	40.88	Login ID = 50026-81-14	3	N	9.87	J	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	5.49	6.06		1	40.88	Login ID = 50026-81-14	3	N	5.49	UJ	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.19	6.06		1	40.88	Login ID = 50026-81-14	3	N	18.32	J	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B	1.38	6.06		1	40.88	Login ID = 50026-81-14	3	N	15.05	UJ	
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	28-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			
LPX-SD-4209-0245-0255	22-Apr-05	MOD 1613B				1	40.88	Login ID = 50026-81-14	3	N			

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LPX-SD-4503-0024-0025 MS	DIOXIN	2,3,7,8-TCDD	LPX-SD-4503-0024-0025 MS	1746-01-6	89	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4503-0024-0025 MS	40321-76-4	101	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4503-0024-0025 MS	39227-28-6	111	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4503-0024-0025 MS	57653-85-7	106	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4503-0024-0025 MS	19408-74-3	118	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0024-0025 MS	35822-46-9	106	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	OCDD	LPX-SD-4503-0024-0025 MS	3268-87-9	113	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	2,3,7,8-TCDF	LPX-SD-4503-0024-0025 MS	51207-31-9	104	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4503-0024-0025 MS	57117-41-6	108	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4503-0024-0025 MS	57117-31-4	110	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4503-0024-0025 MS	70648-26-9	104	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MS	57117-44-9	104	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4503-0024-0025 MS	72918-21-9	107	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MS	60851-34-5	107	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0024-0025 MS	67562-39-4	104	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0024-0025 MS	55673-89-7	104	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	OCDF	LPX-SD-4503-0024-0025 MS	39001-02-0	116	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4503-0024-0025 MS	76523-40-5	79	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4503-0024-0025 MS	109719-79-1	84	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4503-0024-0025 MS	109719-80-4	77	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4503-0024-0025 MS	109719-81-5	75	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0024-0025 MS	109719-83-7	91	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-OCDD	LPX-SD-4503-0024-0025 MS	114423-97-1	90	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4503-0024-0025 MS	89059-46-1	74	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4503-0024-0025 MS	109719-77-9	82	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4503-0024-0025 MS	116843-02-8	80	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4503-0024-0025 MS	114423-98-2	80	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MS	116843-03-9	78	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4503-0024-0025 MS	116843-04-0	89	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MS	116843-05-1	83	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0024-0025 MS	116843-09-5	93	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0024-0025 MS	109719-94-0	104	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MS	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4503-0024-0025 MS	85508-50-5	100	PCT_REC	49715-86	BCO	49715-86-16	8-Apr-05	12-Apr-05

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LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.42	1.50		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.47	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	1.87	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	1.94	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	1.84	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.61	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.58	14.97		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.17	1.50		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.48	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.44	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.15	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.15	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.17	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.16	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	2.39	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	2.60	7.49		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B	0.35	14.97		1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			
LPX-SD-4503-0024-0025 MS	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MS			

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LPX-SD-4503-0024-0025 MSD	DIOXIN	2,3,7,8-TCDD	LPX-SD-4503-0024-0025 MSD	1746-01-6	100		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4503-0024-0025 MSD	40321-76-4	101		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4503-0024-0025 MSD	39227-28-6	112		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4503-0024-0025 MSD	57653-85-7	105		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4503-0024-0025 MSD	19408-74-3	116		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0024-0025 MSD	35822-46-9	104		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	OCDD	LPX-SD-4503-0024-0025 MSD	3268-87-9	99		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	2,3,7,8-TCDF	LPX-SD-4503-0024-0025 MSD	51207-31-9	104		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4503-0024-0025 MSD	57117-41-6	107		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4503-0024-0025 MSD	57117-31-4	112		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4503-0024-0025 MSD	70648-26-9	104		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MSD	57117-44-9	102		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4503-0024-0025 MSD	72918-21-9	104		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MSD	60851-34-5	105		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0024-0025 MSD	67562-39-4	106		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0024-0025 MSD	55673-89-7	103		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	OCDF	LPX-SD-4503-0024-0025 MSD	39001-02-0	114		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4503-0024-0025 MSD	76523-40-5	78		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4503-0024-0025 MSD	109719-79-1	82		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4503-0024-0025 MSD	109719-80-4	78		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4503-0024-0025 MSD	109719-81-5	76		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0024-0025 MSD	109719-83-7	94		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-OCDD	LPX-SD-4503-0024-0025 MSD	114423-97-1	92		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4503-0024-0025 MSD	89059-46-1	67		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4503-0024-0025 MSD	109719-77-9	83		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4503-0024-0025 MSD	116843-02-8	77		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4503-0024-0025 MSD	114423-98-2	82		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MSD	116843-03-9	81		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4503-0024-0025 MSD	116843-04-0	87		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4503-0024-0025 MSD	116843-05-1	83		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0024-0025 MSD	116843-09-5	94		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0024-0025 MSD	109719-94-0	107		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05
LPX-SD-4503-0024-0025 MSD	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4503-0024-0025 MSD	85508-50-5	106		PCT_REC		49715-86	BCO	49715-86-17	8-Apr-05	12-Apr-05

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SAMPLE	ANALYZED	METHOD	MDL	RL										VAL_QUAL	TOTAL_VALID_COMMENT
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.18	1.51		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.54	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	1.90	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	1.95	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	1.86	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	1.35	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.44	15.10		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.22	1.51		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.64	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.61	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.58	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.56	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.67	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.62	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.38	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.41	7.55		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B	0.37	15.10		1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					
LPX-SD-4503-0024-0025 MSD	22-Apr-05	MOD 1613B				1	33.10	Login ID = 50026-80-04	3	MSD					

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49715-86-18	DIOXIN	2,3,7,8-TCDD	49715-86-18	1746-01-6	13.4		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,7,8-PeCDD	49715-86-18	40321-76-4	28.6		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,4,7,8-HxCDD	49715-86-18	39227-28-6	26.5		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,6,7,8-HxCDD	49715-86-18	57653-85-7	7.8		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,7,8,9-HxCDD	49715-86-18	19408-74-3	3.5		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,4,6,7,8-HpCDD	49715-86-18	35822-46-9	13.7		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	OCDD	49715-86-18	3268-87-9	16.8		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	2,3,7,8-TCDF	49715-86-18	51207-31-9	1.8		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,7,8-PeCDF	49715-86-18	57117-41-6	12.3		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	2,3,4,7,8-PeCDF	49715-86-18	57117-31-4	16.6		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,4,7,8-HxCDF	49715-86-18	70648-26-9	19.6		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,6,7,8-HxCDF	49715-86-18	57117-44-9	3.8		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,7,8,9-HxCDF	49715-86-18	72918-21-9	100.0	~	PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	2,3,4,6,7,8-HxCDF	49715-86-18	60851-34-5	12.5		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,4,6,7,8-HpCDF	49715-86-18	67562-39-4	15.8		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	1,2,3,4,7,8,9-HpCDF	49715-86-18	55673-89-7	17.8		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	OCDF	49715-86-18	39001-02-0	18.9		PCT_DIFF		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-2,3,7,8-TCDD	49715-86-18	76523-40-5	82		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,7,8-PeCDD	49715-86-18	109719-79-1	72		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,4,7,8-HxCDD	49715-86-18	109719-80-4	84		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,6,7,8-HxCDD	49715-86-18	109719-81-5	81		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	49715-86-18	109719-83-7	92		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-OCDD	49715-86-18	114423-97-1	124		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-2,3,7,8-TCDF	49715-86-18	89059-46-1	84		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,7,8-PeCDF	49715-86-18	109719-77-9	86		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-2,3,4,7,8-PeCDF	49715-86-18	116843-02-8	76		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,4,7,8-HxCDF	49715-86-18	114423-98-2	100		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,6,7,8-HxCDF	49715-86-18	116843-03-9	96		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,7,8,9-HxCDF	49715-86-18	116843-04-0	92		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-2,3,4,6,7,8-HxCDF	49715-86-18	116843-05-1	93		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	49715-86-18	116843-09-5	88		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	49715-86-18	109719-94-0	95		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05
49715-86-18	DIOXIN	37Cl-2,3,7,8-TCDD	49715-86-18	85508-50-5	111		PCT_REC		49715-86	BCO	49715-86-18	12-Apr-05

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SAMPLE	ANAL_DATE													VALID_COMMENT
49715-86-18	22-Apr-05	MOD 1613B	2.55	0.94		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	5.16	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	11.40	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	11.09	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	10.85	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	29.01	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	7.65	9.40		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	1.83	0.94		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	18.71	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	17.51	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	71.26	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	70.00	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	89.08	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	81.83	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	105.45	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	105.86	4.70		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B	8.35	9.40		1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				
49715-86-18	22-Apr-05	MOD 1613B				1	97.07	Login ID = 50095-55-04	3	SRM				

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49715-86-19	DIOXIN	2,3,7,8-TCDD	49715-86-19	1746-01-6	107		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,7,8-PeCDD	49715-86-19	40321-76-4	104		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,4,7,8-HxCDD	49715-86-19	39227-28-6	101		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,6,7,8-HxCDD	49715-86-19	57653-85-7	106		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,7,8,9-HxCDD	49715-86-19	19408-74-3	111		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,4,6,7,8-HpCDD	49715-86-19	35822-46-9	103		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	OCDD	49715-86-19	3268-87-9	99		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	2,3,7,8-TCDF	49715-86-19	51207-31-9	103		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,7,8-PeCDF	49715-86-19	57117-41-6	101		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	2,3,4,7,8-PeCDF	49715-86-19	57117-31-4	106		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,4,7,8-HxCDF	49715-86-19	70648-26-9	101		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,6,7,8-HxCDF	49715-86-19	57117-44-9	102		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,7,8,9-HxCDF	49715-86-19	72918-21-9	102		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	2,3,4,6,7,8-HxCDF	49715-86-19	60851-34-5	104		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,4,6,7,8-HpCDF	49715-86-19	67562-39-4	101		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	1,2,3,4,7,8,9-HpCDF	49715-86-19	55673-89-7	106		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	OCDF	49715-86-19	39001-02-0	103		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-2,3,7,8-TCDD	49715-86-19	76523-40-5	62		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,7,8-PeCDD	49715-86-19	109719-79-1	70		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,4,7,8-HxCDD	49715-86-19	109719-80-4	72		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,6,7,8-HxCDD	49715-86-19	109719-81-5	69		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	49715-86-19	109719-83-7	82		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-OCDD	49715-86-19	114423-97-1	88		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-2,3,7,8-TCDF	49715-86-19	89059-46-1	61		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,7,8-PeCDF	49715-86-19	109719-77-9	67		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-2,3,4,7,8-PeCDF	49715-86-19	116843-02-8	68		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,4,7,8-HxCDF	49715-86-19	114423-98-2	70		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,6,7,8-HxCDF	49715-86-19	116843-03-9	71		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,7,8,9-HxCDF	49715-86-19	116843-04-0	78		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-2,3,4,6,7,8-HxCDF	49715-86-19	116843-05-1	72		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	49715-86-19	116843-09-5	84		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	49715-86-19	109719-94-0	90		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05
49715-86-19	DIOXIN	37Cl-2,3,7,8-TCDD	49715-86-19	85508-50-5	90		PCT_REC		49715-86	BCO	49715-86-19	12-Apr-05

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NSAMPLE	ANALYSIS_DATE	METHOD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QUAL	VALID_COMMENT
49715-86-19	21-Apr-05	MOD 1613B	0.10	0.50		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.11	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.11	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.11	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.10	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.15	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.10	5.02		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.08	0.50		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.17	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.14	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.16	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.16	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.17	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.17	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.63	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.74	2.51		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B	0.12	5.02		1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					
49715-86-19	21-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS					

DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 50971-02

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Dioxin/Furan by High Resolution Mass Spectrometry (HRMS)

LABORATORY: Battelle, Columbus, OH

MATRIX: Sediment

SAMPLE CUSTODY: Thirty-seven sediment samples were received at Battelle Columbus on April 8, 2005. Samples were received in good condition and the cooler temperature upon receipt was 6.1°C. Eighteen of the sediments were processed in QC Batch 50971-02. The remaining sediments will be reported separately.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL (pg/g dry)	Project Goals [c] (pg/g dry)
Dioxin/ Furan/	L-23 Battelle SOP ASAT.II-001-02	<5× MDL, or associated samples >5x blank values (>10x for OCDD, OCDF and totals)	25-150% Recovery	*LCS:* Method 1613B, Table 6 OPR[a] *MS: MS:* 50-120% Recovery [b]	≤30% PD[b]	≤30% RPD[b, d]	Tetras: 0.05 – 13.69 Penta-Hepta: 0.10 – 314.50 Octas: 0.30 – 77.85	Tetras: 0.008 – 0.587 Penta-Hepta: 0.008 – 2,050 Octas: 4,670-137,000

[a] Method 1613B, Table 6 OPR requirements documented on LCS summary report table.

[b] Certified values must be >5× the MDL.

[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) following general procedures in EPA Method 1613 as outlined in the Centredale Manor Restoration Tasks 19-22 QAPP (May 2005).

Sample Preparation – Eighteen of the 37 samples were processed in BATCH 50971-02. Samples were centrifuged prior to extraction and analysis to achieve a minimum dry weight of 30%. Six samples, LPX-SD-4501-0000-0005, LPX-SD-4501-0012-0013, LPX-SD-4504-0000-0005, LPX-SD-4505-0024-0025, LPX-SD-4508-0012-0013, LPX-SD-4510-0024-0025, and LPX-SD-4204-0110-0120, were freeze-dried in order to achieve the percent dry weight requirement. 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 and approximately 5 g wet weight of each freeze-dried sample was used. The eighteen samples plus five QC samples were prepared for PCDD/PCDF. The sediment/Hydromatrix mixtures were 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

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METHOD: (cont)

PCDD/PCDF at this time. The sediment /Hydromatrix mixtures were placed into Accelerated Solvent Extraction (ASE) cells. The samples were ASE extracted using methylene chloride. Each extract went through gel permeation chromatography (GPC) cleanup then was spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was then processed through acid/base silica 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 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, or equivalent, column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF and a DB225 column was used for second column confirmation of 2,3,7,8-TCDF. Second column confirmation for two of the samples (LPX-SD-4501-0012-0013 and LPX-SD-4204-0110-0120) are not reported due to interference of a co-eluting ether with 2,3,7,8-TCDF. Instead the initial DB-5 results are reported and flagged "E" due to possible interference of co-eluting non-2,3,7,8-tetra furans.

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 (OPR), one sediment standard reference material, one matrix spike, and one matrix spike duplicate.

2. The GC/HRMS instrumentation was calibrated for PCDD/PCDF at levels specified in Method 1613 with two additional calibration standards at concentrations equivalent to $^1/_{10}$ and ½ the level of Method 1613's lowest calibration point. The CS-0.5 is used to calculate the reporting limit and the CS-0.1 is used mainly as a sensitivity check. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 6.2810 g and a final sample volume of 20 µL: 0.80 to 640 pg/g dry for tetra compounds, 3.98 to 3,180 pg/g dry for penta through hepta compounds, and 7.96 to 6,370 pg/g dry for octa compounds.

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

Samples LPX-SD-4501-0012-0013 and LPX-SD-4510-0024-0025 were found to have poor chromatography in the initial analysis. These three samples were diluted and re-analyzed to improve chromatography.

Upon initial analysis it was found that 2,3,7,8-TCDD was above the level of the calibration curve in samples LPX-SD-4501-0000-0005, LPX-SD-4504-0000-0005, LPX-SD-4505-0012-0013, LPX-SD-4505-0024-0025, LPX-SD-4506-0000-0005, LPX-SD-4506-0012-0013, LPX-SD-4507-0012-0013, LPX-SD-4509-0000-0005, LPX-SD-4510-0012-0013, LPX-SD-4205-0000-0050, and LPX-SD-4204-0130-0140; therefore, these samples were diluted and re-analyzed. The results for 2,3,7,8-TCDD for these samples are reported from the dilution analyses.

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 50971-02

HOLDING TIMES: Samples were prepared for analysis in one analytical batch. Samples were extracted within 2 weeks of receipt at the laboratory and completely analyzed within 4 weeks of extraction.

Batch	Extraction Date	Analysis Date
50971-02	04/21/2005	05/06-05/13/2005 05/13-05/16/2005 (confirms)

DETECTION LIMITS: Dioxin/furan 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 CS-0.5 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 5.5-g dry

Achieved RLs did not meet project detection limit goals for some 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.

Analyte peaks which did not meet all identification criteria are reported as estimated maximum possible concentrations (EMPC) and flagged "K".

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

50971-02– Several of the analytes were detected at a trace level; however, the levels detected were below the reporting level and < 5x the MDL, except for 2,3,7,8-TCDD. All samples with 2,3,7,8-TCDD values >5x the blank concentration have been flagged with a "B".

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

50971-02 – No exceedances.

The LCS sample met the criteria found in Table 6 of Method 1613, Revision B for PCDD/PCDF.

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 50971-02

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.

50971-02 –No exceedances.

For PCDD/PCDF, the matrix spike and matrix spike duplicate recoveries for analytes spiked >5x backgrounds were within the 50-120% limits. The RPD between duplicates for PCDD/PCDF analytes >5x background ranged from 1 - 4%.

INTERNAL STANDARDS:

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

50971-02 – 1 exceedance.

Recoveries of internal standards were within 25-150% for most analytes in all samples. One sample (LPX-SD-4510-0012-0013) had high recovery for the cleanup standard ($^{37}Cl_4$-2,3,7,8-TCDD) due to contribution from the high concentration of 2,3,7,8-TCDD found in the sample.

SRM:

A standard reference material (Wellington DX-2) 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.

50971-02 – No exceedances.

All certified analytes were found to be within the limit of 30% difference from certified values and all informational analytes were found to be within 30% difference limit from the informational values except for 1,2,3,7,8,9-HxCDF. The value for 1,2,3,7,8,9-HxCDF was within the informational value range.

REFERENCES:

Battelle 2005. *Centredale Manor Restoration Tasks 19-22 QAPP*. Tasks 19-22 QAPP prepared under contract to USACE NAE. May 2005.

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
50971-02-24	DIOXIN	2,3,7,8-TCDD	50971-02-24	1746-01-6	5.23		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,7,8-PeCDD	50971-02-24	40321-76-4	0.11	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,4,7,8-HxCDD	50971-02-24	39227-28-6	0.12	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,6,7,8-HxCDD	50971-02-24	57653-85-7	0.11	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,7,8,9-HxCDD	50971-02-24	19408-74-3	0.10	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,4,6,7,8-HpCDD	50971-02-24	35822-46-9	0.20	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	OCDD	50971-02-24	3268-87-9	1.97		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	2,3,7,8-TCDF	50971-02-24	51207-31-9	0.30	#U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,7,8-PeCDF	50971-02-24	57117-41-6	0.13	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	2,3,4,7,8-PeCDF	50971-02-24	57117-31-4	0.10	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,4,7,8-HxCDF	50971-02-24	70648-26-9	0.13	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,6,7,8-HxCDF	50971-02-24	57117-44-9	0.13	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,7,8,9-HxCDF	50971-02-24	72918-21-9	0.15	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	2,3,4,6,7,8-HxCDF	50971-02-24	60851-34-5	0.13	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,4,6,7,8-HpCDF	50971-02-24	67562-39-4	0.28	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	1,2,3,4,7,8,9-HpCDF	50971-02-24	55673-89-7	0.31	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	OCDF	50971-02-24	39001-02-0	0.99		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Tetra-Furans	50971-02-24	55722-27-5	0.11		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Tetra-Dioxins	50971-02-24	41903-57-5	5.23		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Penta-Furans	50971-02-24	30402-15-4	0.42		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Penta-Dioxins	50971-02-24	36088-22-9	0.43		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Hexa-Furans	50971-02-24	55684-94-1	0.13	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Hexa-Dioxins	50971-02-24	34465-46-8	0.11	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Hepta-Furans	50971-02-24	38998-75-3	0.29	U	PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	Total Hepta-Dioxins	50971-02-24	37871-00-4	0.20		PG/G_DRYWT		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-2,3,7,8-TCDD	50971-02-24	76523-40-5	45		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,7,8-PeCDD	50971-02-24	109719-79-1	61		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,4,7,8-HxCDD	50971-02-24	109719-80-4	71		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,6,7,8-HxCDD	50971-02-24	109719-81-5	76		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	50971-02-24	109719-83-7	74		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-OCDD	50971-02-24	114423-97-1	72		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-2,3,7,8-TCDF	50971-02-24	89059-46-1	43	#	PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,7,8-PeCDF	50971-02-24	109719-77-9	56		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-2,3,4,7,8-PeCDF	50971-02-24	116843-02-8	61		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,4,7,8-HxCDF	50971-02-24	114423-98-2	68		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,6,7,8-HxCDF	50971-02-24	116843-03-9	70		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,7,8,9-HxCDF	50971-02-24	116843-04-0	70		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-2,3,4,6,7,8-HxCDF	50971-02-24	116843-05-1	73		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	50971-02-24	116843-09-5	74		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	50971-02-24	109719-94-0	73		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05
50971-02-24	DIOXIN	37Cl-2,3,7,8-TCDD	50971-02-24	85508-50-5	50		PCT_REC		49715-02	BCO	50971-02-24		21-Apr-05

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50971-02-24	6-May-05	MOD 1613B	0.15	3.98		1	37.95	Login ID = 50171-49-02	3	MB			
50971-02-24	6-May-05	MOD 1613B	0.13	3.98		1	37.95	Login ID = 50171-49-02	3	MB			
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50971-02-24	6-May-05	MOD 1613B	0.05	0.80		1	37.95	Login ID = 50171-49-02	3	MB			
50971-02-24	6-May-05	MOD 1613B	0.11	3.98		1	37.95	Login ID = 50171-49-02	3	MB			
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50971-02-24	6-May-05	MOD 1613B	0.13	3.98		1	37.95	Login ID = 50171-49-02	3	MB			
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50971-02-24	6-May-05	MOD 1613B	0.20	3.98		1	37.95	Login ID = 50171-49-02	3	MB			
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LPX-SD-4501-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4501-0000-0005	1746-01-6	5268.07	D	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4501-0000-0005	40321-76-4	14.50		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4501-0000-0005	39227-28-6	20.12		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4501-0000-0005	57653-85-7	57.55		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4501-0000-0005	19408-74-3	50.52		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4501-0000-0005	35822-46-9	1332.08		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	OCDD	LPX-SD-4501-0000-0005	3268-87-9	10283.67		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4501-0000-0005	51207-31-9	26.52	D#	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4501-0000-0005	57117-41-6	8.08	J	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4501-0000-0005	57117-31-4	15.68	J	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4501-0000-0005	70648-26-9	40.84		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4501-0000-0005	57117-44-9	34.42		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4501-0000-0005	72918-21-9	0.96	J	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4501-0000-0005	60851-34-5	19.68		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4501-0000-0005	67562-39-4	438.79		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4501-0000-0005	55673-89-7	21.78	J	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	OCDF	LPX-SD-4501-0000-0005	39001-02-0	768.97		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4501-0000-0005	55722-27-5	277.45		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4501-0000-0005	41903-57-5	5337.71	D	PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4501-0000-0005	30402-15-4	611.56		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4501-0000-0005	36088-22-9	103.32		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4501-0000-0005	55684-94-1	681.32		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4501-0000-0005	34465-46-8	392.58		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4501-0000-0005	38998-75-3	900.71		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4501-0000-0005	37871-00-4	2545.68		PG/G_DRYWT		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4501-0000-0005	76523-40-5	73	D	PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4501-0000-0005	109719-79-1	76		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4501-0000-0005	109719-80-4	81		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4501-0000-0005	109719-81-5	83		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4501-0000-0005	109719-83-7	83		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4501-0000-0005	114423-97-1	86		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4501-0000-0005	89059-46-1	52	D#	PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4501-0000-0005	109719-77-9	78		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4501-0000-0005	116843-02-8	76		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4501-0000-0005	114423-98-2	80		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4501-0000-0005	116843-03-9	80		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4501-0000-0005	116843-04-0	82		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4501-0000-0005	116843-05-1	81		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4501-0000-0005	116843-09-5	83		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4501-0000-0005	109719-94-0	81		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05
LPX-SD-4501-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4501-0000-0005	85508-50-5	114		PCT_REC		49715-02	BCO	50971-02-02	8-Apr-05	21-Apr-05

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LPX-SD-4501-0000-0005	12-May-05	MOD 1613B	1.30	6.21		6	3.69	Login ID = 50026-80-05	3	N	5268.07		1:6 DILUTION
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	0.79	5.18		1	3.69	Login ID = 50026-80-05	3	N	14.50		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	3.14	5.18		1	3.69	Login ID = 50026-80-05	3	N	20.12		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	2.80	5.18		1	3.69	Login ID = 50026-80-05	3	N	57.55		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	2.68	5.18		1	3.69	Login ID = 50026-80-05	3	N	50.52		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	109.80	5.18		1	3.69	Login ID = 50026-80-05	3	N	1332.08		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	0.30	10.35		1	3.69	Login ID = 50026-80-05	3	N	10283.67		
LPX-SD-4501-0000-0005	16-May-05	MOD 1613B	2.65	6.21		6	3.69	Login ID = 50026-80-05	3	N	26.52	#	1:6 DILUTION
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	18.14	5.18		1	3.69	Login ID = 50026-80-05	3	N	8.08	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	16.70	5.18		1	3.69	Login ID = 50026-80-05	3	N	15.68	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	12.01	5.18		1	3.69	Login ID = 50026-80-05	3	N	40.84		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	11.56	5.18		1	3.69	Login ID = 50026-80-05	3	N	34.42		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	12.42	5.18		1	3.69	Login ID = 50026-80-05	3	N	0.96	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	12.98	5.18		1	3.69	Login ID = 50026-80-05	3	N	19.68		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	52.37	5.18		1	3.69	Login ID = 50026-80-05	3	N	438.79		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	58.46	5.18		1	3.69	Login ID = 50026-80-05	3	N	21.78	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	0.78	10.35		1	3.69	Login ID = 50026-80-05	3	N	768.97		
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	0.26	1.04		1	3.69	Login ID = 50026-80-05	3	N	277.45	J	
LPX-SD-4501-0000-0005	12-May-05	MOD 1613B	0.15	6.21		6	3.69	Login ID = 50026-80-05	3	N	5337.71	J	1:6 DILUTION
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	17.42	5.18		1	3.69	Login ID = 50026-80-05	3	N	611.56	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	0.79	5.18		1	3.69	Login ID = 50026-80-05	3	N	103.32	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	12.23	5.18		1	3.69	Login ID = 50026-80-05	3	N	681.32	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	2.86	5.18		1	3.69	Login ID = 50026-80-05	3	N	392.58	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	55.22	5.18		1	3.69	Login ID = 50026-80-05	3	N	900.71	J	
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B	109.80	5.18		1	3.69	Login ID = 50026-80-05	3	N	2545.68	J	
LPX-SD-4501-0000-0005	12-May-05	MOD 1613B				6	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	16-May-05	MOD 1613B				6	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			
LPX-SD-4501-0000-0005	6-May-05	MOD 1613B				1	3.69	Login ID = 50026-80-05	3	N			

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LPX-SD-4501-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4501-0012-0013	1746-01-6	407.99		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4501-0012-0013	40321-76-4	15.51		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4501-0012-0013	39227-28-6	17.91		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4501-0012-0013	57653-85-7	67.65		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4501-0012-0013	19408-74-3	55.49		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4501-0012-0013	35822-46-9	776.46		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	OCDD	LPX-SD-4501-0012-0013	3268-87-9	3814.73		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4501-0012-0013	51207-31-9	81.53	E	PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4501-0012-0013	57117-41-6	38.85	J	PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4501-0012-0013	57117-31-4	42.35	J	PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4501-0012-0013	70648-26-9	146.34		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4501-0012-0013	57117-44-9	200.62		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4501-0012-0013	72918-21-9	5.16	J	PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4501-0012-0013	60851-34-5	72.52	J	PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4501-0012-0013	67562-39-4	2375.97		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4501-0012-0013	55673-89-7	64.61	J	PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	OCDF	LPX-SD-4501-0012-0013	39001-02-0	1474.02		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4501-0012-0013	55722-27-5	814.13		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4501-0012-0013	41903-57-5	446.14		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4501-0012-0013	30402-15-4	2192.98		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4501-0012-0013	36088-22-9	95.44		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4501-0012-0013	55684-94-1	2960.00		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4501-0012-0013	34465-46-8	633.43		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4501-0012-0013	38998-75-3	3855.87		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4501-0012-0013	37871-00-4	1531.30		PG/G_DRYWT		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4501-0012-0013	76523-40-5	78		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4501-0012-0013	109719-79-1	74		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4501-0012-0013	109719-80-4	84		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4501-0012-0013	109719-81-5	90		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4501-0012-0013	109719-83-7	87		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4501-0012-0013	114423-97-1	89		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4501-0012-0013	89059-46-1	78		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4501-0012-0013	109719-77-9	91		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4501-0012-0013	116843-02-8	83		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4501-0012-0013	114423-98-2	91		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4501-0012-0013	116843-03-9	95		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4501-0012-0013	116843-04-0	82		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4501-0012-0013	116843-05-1	86		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4501-0012-0013	116843-09-5	86		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4501-0012-0013	109719-94-0	84		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05
LPX-SD-4501-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4501-0012-0013	85508-50-5	100		PCT_REC		49715-02	BCO	50971-02-03	8-Apr-05	21-Apr-05

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SAMPLE	ANAL_DATE	METHOD	MDL	PQL	GRID	DRY_WT	LAB_FD	MATRIX						
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	4.13	4.18		4	7.07	Login ID = 50026-80-06	3	N	407.99			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	9.98	20.92		4	7.07	Login ID = 50026-80-06	3	N	15.51			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	16.61	20.92		4	7.07	Login ID = 50026-80-06	3	N	17.91			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	16.17	20.92		4	7.07	Login ID = 50026-80-06	3	N	67.65			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	14.79	20.92		4	7.07	Login ID = 50026-80-06	3	N	55.49			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	69.84	20.92		4	7.07	Login ID = 50026-80-06	3	N	776.46			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	60.36	41.84		4	7.07	Login ID = 50026-80-06	3	N	3814.73			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	3.07	4.18		4	7.07	Login ID = 50026-80-06	3	N	81.53	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	65.90	20.92		4	7.07	Login ID = 50026-80-06	3	N	38.85	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	61.64	20.92		4	7.07	Login ID = 50026-80-06	3	N	42.35	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	78.11	20.92		4	7.07	Login ID = 50026-80-06	3	N	146.34			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	76.45	20.92		4	7.07	Login ID = 50026-80-06	3	N	200.62			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	100.62	20.92		4	7.07	Login ID = 50026-80-06	3	N	5.16	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	84.98	20.92		4	7.07	Login ID = 50026-80-06	3	N	72.52	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	188.09	20.92		4	7.07	Login ID = 50026-80-06	3	N	2375.97			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	202.72	20.92		4	7.07	Login ID = 50026-80-06	3	N	64.61	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	12.66	41.84		4	7.07	Login ID = 50026-80-06	3	N	1474.02			
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	3.07	4.18		4	7.07	Login ID = 50026-80-06	3	N	814.13	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	4.13	4.18		4	7.07	Login ID = 50026-80-06	3	N	446.14	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	63.78	20.92		4	7.07	Login ID = 50026-80-06	3	N	2192.98	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	9.98	20.92		4	7.07	Login ID = 50026-80-06	3	N	95.44	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	84.02	20.92		4	7.07	Login ID = 50026-80-06	3	N	2960.00	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	15.81	20.92		4	7.07	Login ID = 50026-80-06	3	N	633.43	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	194.88	20.92		4	7.07	Login ID = 50026-80-06	3	N	3855.87	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B	69.84	20.92		4	7.07	Login ID = 50026-80-06	3	N	1531.30	J		
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				
LPX-SD-4501-0012-0013	11-May-05	MOD 1613B				4	7.07	Login ID = 50026-80-06	3	N				

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LPX-SD-4502-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4502-0012-0013	1746-01-6	2490.87		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4502-0012-0013	40321-76-4	9.78		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4502-0012-0013	39227-28-6	12.39		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4502-0012-0013	57653-85-7	36.42		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4502-0012-0013	19408-74-3	28.64		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4502-0012-0013	35822-46-9	824.89		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	OCDD	LPX-SD-4502-0012-0013	3268-87-9	6226.49		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4502-0012-0013	51207-31-9	21.22	#	PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4502-0012-0013	57117-41-6	8.04	J	PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4502-0012-0013	57117-31-4	11.97	J	PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4502-0012-0013	70648-26-9	35.21		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4502-0012-0013	57117-44-9	26.89		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4502-0012-0013	72918-21-9	0.99	J	PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4502-0012-0013	60851-34-5	16.30		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4502-0012-0013	67562-39-4	294.23		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4502-0012-0013	55673-89-7	14.13	J	PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	OCDF	LPX-SD-4502-0012-0013	39001-02-0	483.52		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4502-0012-0013	55722-27-5	238.49		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4502-0012-0013	41903-57-5	2542.27		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4502-0012-0013	30402-15-4	449.17		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4502-0012-0013	36088-22-9	78.16		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4502-0012-0013	55684-94-1	479.70		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4502-0012-0013	34465-46-8	244.37		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4502-0012-0013	38998-75-3	602.26		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4502-0012-0013	37871-00-4	1557.67		PG/G_DRYWT		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4502-0012-0013	76523-40-5	79		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4502-0012-0013	109719-79-1	79		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4502-0012-0013	109719-80-4	78		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4502-0012-0013	109719-81-5	85		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4502-0012-0013	109719-83-7	89		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4502-0012-0013	114423-97-1	88		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4502-0012-0013	89059-46-1	70	#	PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4502-0012-0013	109719-77-9	80		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4502-0012-0013	116843-02-8	79		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4502-0012-0013	114423-98-2	76		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4502-0012-0013	116843-03-9	79		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4502-0012-0013	116843-04-0	80		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4502-0012-0013	116843-05-1	80		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4502-0012-0013	116843-09-5	83		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4502-0012-0013	109719-94-0	86		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05
LPX-SD-4502-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4502-0012-0013	85508-50-5	100		PCT_REC		49715-02	BCO	50971-02-04	8-Apr-05	21-Apr-05

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LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	0.30	1.48		1	66.78	Login ID = 50026-80-09	3	N	2490.87					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	1.35	7.41		1	66.78	Login ID = 50026-80-09	3	N	9.78					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	2.64	7.41		1	66.78	Login ID = 50026-80-09	3	N	12.39					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	2.55	7.41		1	66.78	Login ID = 50026-80-09	3	N	36.42					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	2.34	7.41		1	66.78	Login ID = 50026-80-09	3	N	28.64					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	81.43	7.41		1	66.78	Login ID = 50026-80-09	3	N	824.89					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	1.78	14.82		1	66.78	Login ID = 50026-80-09	3	N	6226.49					
LPX-SD-4502-0012-0013	13-May-05	MOD 1613B	2.26	1.48		1	66.78	Login ID = 50026-80-09	3	N	21.22	#				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	20.87	7.41		1	66.78	Login ID = 50026-80-09	3	N	8.04	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	19.12	7.41		1	66.78	Login ID = 50026-80-09	3	N	11.97	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	13.70	7.41		1	66.78	Login ID = 50026-80-09	3	N	35.21					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	13.35	7.41		1	66.78	Login ID = 50026-80-09	3	N	26.89					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	14.41	7.41		1	66.78	Login ID = 50026-80-09	3	N	0.99	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	13.31	7.41		1	66.78	Login ID = 50026-80-09	3	N	16.30					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	44.50	7.41		1	66.78	Login ID = 50026-80-09	3	N	294.23					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	49.09	7.41		1	66.78	Login ID = 50026-80-09	3	N	14.13	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	1.75	14.82		1	66.78	Login ID = 50026-80-09	3	N	483.52					
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	0.27	1.48		1	66.78	Login ID = 50026-80-09	3	N	238.49	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	0.30	1.48		1	66.78	Login ID = 50026-80-09	3	N	2542.27	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	20.00	7.41		1	66.78	Login ID = 50026-80-09	3	N	449.17	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	1.35	7.41		1	66.78	Login ID = 50026-80-09	3	N	78.16	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	13.67	7.41		1	66.78	Login ID = 50026-80-09	3	N	479.70	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	2.50	7.41		1	66.78	Login ID = 50026-80-09	3	N	244.37	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	46.72	7.41		1	66.78	Login ID = 50026-80-09	3	N	602.26	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B	81.43	7.41		1	66.78	Login ID = 50026-80-09	3	N	1557.67	J				
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	13-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						
LPX-SD-4502-0012-0013	6-May-05	MOD 1613B				1	66.78	Login ID = 50026-80-09	3	N						

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LPX-SD-4504-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4504-0000-0005	1746-01-6	5678.72	D	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4504-0000-0005	40321-76-4	11.40		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4504-0000-0005	39227-28-6	18.32		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4504-0000-0005	57653-85-7	50.07		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4504-0000-0005	19408-74-3	42.72		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4504-0000-0005	35822-46-9	1151.11		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	OCDD	LPX-SD-4504-0000-0005	3268-87-9	8466.20		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4504-0000-0005	51207-31-9	19.55	D#	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4504-0000-0005	57117-41-6	8.80	J	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4504-0000-0005	57117-31-4	12.83	J	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4504-0000-0005	70648-26-9	40.89		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4504-0000-0005	57117-44-9	30.50		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4504-0000-0005	72918-21-9	0.93	J	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4504-0000-0005	60851-34-5	19.24		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4504-0000-0005	67562-39-4	419.61		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4504-0000-0005	55673-89-7	20.35	J	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	OCDF	LPX-SD-4504-0000-0005	39001-02-0	766.94		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4504-0000-0005	55722-27-5	187.79		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4504-0000-0005	41903-57-5	5733.45	D	PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4504-0000-0005	30402-15-4	522.28		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4504-0000-0005	36088-22-9	82.38		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4504-0000-0005	55684-94-1	608.53		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4504-0000-0005	34465-46-8	315.58		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4504-0000-0005	38998-75-3	880.28		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4504-0000-0005	37871-00-4	2172.34		PG/G_DRYWT		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4504-0000-0005	76523-40-5	72	D	PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4504-0000-0005	109719-79-1	66		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4504-0000-0005	109719-80-4	69		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4504-0000-0005	109719-81-5	73		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4504-0000-0005	109719-83-7	75		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4504-0000-0005	114423-97-1	78		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4504-0000-0005	89059-46-1	52	D#	PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4504-0000-0005	109719-77-9	67		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4504-0000-0005	116843-02-8	66		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4504-0000-0005	114423-98-2	67		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4504-0000-0005	116843-03-9	70		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4504-0000-0005	116843-04-0	69		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4504-0000-0005	116843-05-1	69		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4504-0000-0005	116843-09-5	72		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4504-0000-0005	109719-94-0	72		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05
LPX-SD-4504-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4504-0000-0005	85508-50-5	107		PCT_REC		49715-02	BCO	50971-02-05	8-Apr-05	21-Apr-05

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LPX-SD-4504-0000-0005	12-May-06	MOD 1613B	2.47	6.11		6	4.44	Login ID = 50026-80-11	3	N	5678.72		1:6 DILUTION
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	0.65	5.09		1	4.44	Login ID = 50026-80-11	3	N	11.40		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	2.74	5.09		1	4.44	Login ID = 50026-80-11	3	N	18.32		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	2.45	5.09		1	4.44	Login ID = 50026-80-11	3	N	50.07		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	2.34	5.09		1	4.44	Login ID = 50026-80-11	3	N	42.72		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	83.11	5.09		1	4.44	Login ID = 50026-80-11	3	N	1151.11		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	1.86	10.19		1	4.44	Login ID = 50026-80-11	3	N	8466.20		
LPX-SD-4504-0000-0005	16-May-05	MOD 1613B	6.44	6.11		6	4.44	Login ID = 50026-80-11	3	N	19.55	#	1:6 DILUTION
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	16.22	5.09		1	4.44	Login ID = 50026-80-11	3	N	8.80	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	14.89	5.09		1	4.44	Login ID = 50026-80-11	3	N	12.83	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	11.39	5.09		1	4.44	Login ID = 50026-80-11	3	N	40.89		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	11.38	5.09		1	4.44	Login ID = 50026-80-11	3	N	30.50		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	12.30	5.09		1	4.44	Login ID = 50026-80-11	3	N	0.93	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	11.60	5.09		1	4.44	Login ID = 50026-80-11	3	N	19.24		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	47.82	5.09		1	4.44	Login ID = 50026-80-11	3	N	419.61		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	53.61	5.09		1	4.44	Login ID = 50026-80-11	3	N	20.35	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	0.92	10.19		1	4.44	Login ID = 50026-80-11	3	N	766.94		
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	0.23	1.02		1	4.44	Login ID = 50026-80-11	3	N	187.79	J	
LPX-SD-4504-0000-0005	12-May-06	MOD 1613B	2.47	6.11		6	4.44	Login ID = 50026-80-11	3	N	5733.45	J	1:6 DILUTION
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	15.56	5.09		1	4.44	Login ID = 50026-80-11	3	N	522.28	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	0.65	5.09		1	4.44	Login ID = 50026-80-11	3	N	82.38	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	11.65	5.09		1	4.44	Login ID = 50026-80-11	3	N	608.53	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	2.50	5.09		1	4.44	Login ID = 50026-80-11	3	N	315.58	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	50.56	5.09		1	4.44	Login ID = 50026-80-11	3	N	880.28	J	
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B	83.11	5.09		1	4.44	Login ID = 50026-80-11	3	N	2172.34	J	
LPX-SD-4504-0000-0005	12-May-05	MOD 1613B				6	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	16-May-05	MOD 1613B				6	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			
LPX-SD-4504-0000-0005	6-May-05	MOD 1613B				1	4.44	Login ID = 50026-80-11	3	N			

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LPX-SD-4505-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4505-0012-0013	1746-01-6	5399.33	D	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4505-0012-0013	40321-76-4	16.12		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4505-0012-0013	39227-28-6	10.84		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4505-0012-0013	57653-85-7	31.13		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4505-0012-0013	19408-74-3	27.85		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4505-0012-0013	35822-46-9	711.36		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	OCDD	LPX-SD-4505-0012-0013	3268-87-9	5150.49		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4505-0012-0013	51207-31-9	38.96	D#	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4505-0012-0013	57117-41-6	9.74	J	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4505-0012-0013	57117-31-4	19.59	J	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4505-0012-0013	70648-26-9	38.00		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4505-0012-0013	57117-44-9	24.10		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4505-0012-0013	72918-21-9	0.51	J	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4505-0012-0013	60851-34-5	16.94		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4505-0012-0013	67562-39-4	222.65		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4505-0012-0013	55673-89-7	12.89	J	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	OCDF	LPX-SD-4505-0012-0013	39001-02-0	340.54		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4505-0012-0013	55722-27-5	525.28		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4505-0012-0013	41903-57-5	5516.26	D	PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4505-0012-0013	30402-15-4	774.27		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4505-0012-0013	36088-22-9	137.60		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4505-0012-0013	55684-94-1	548.64		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4505-0012-0013	34465-46-8	234.72		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4505-0012-0013	38998-75-3	478.74		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4505-0012-0013	37871-00-4	1466.14		PG/G_DRYWT		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4505-0012-0013	76523-40-5	85	D	PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4505-0012-0013	109719-79-1	82		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4505-0012-0013	109719-80-4	86		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4505-0012-0013	109719-81-5	89		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4505-0012-0013	109719-83-7	89		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4505-0012-0013	114423-97-1	93		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4505-0012-0013	89059-46-1	79	D#	PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4505-0012-0013	109719-77-9	84		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4505-0012-0013	116843-02-8	83		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4505-0012-0013	114423-98-2	84		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4505-0012-0013	116843-03-9	83		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4505-0012-0013	116843-04-0	87		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4505-0012-0013	116843-05-1	86		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4505-0012-0013	116843-09-5	88		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4505-0012-0013	109719-94-0	86		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05
LPX-SD-4505-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4505-0012-0013	85508-50-5	121		PCT_REC		49715-02	BCO	50971-02-06	8-Apr-05	21-Apr-05

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LPX-SD-4505-0012-0013	12-May-05	MOD 1613B	2.35	8.45		6	64.51	Login ID = 50026-80-15	3	N	5399.33		1:6 DILUTION
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	1.72	7.04		1	64.51	Login ID = 50026-80-15	3	N	16.12		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	2.71	7.04		1	64.51	Login ID = 50026-80-15	3	N	10.84		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	2.02	7.04		1	64.51	Login ID = 50026-80-15	3	N	31.13		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	2.13	7.04		1	64.51	Login ID = 50026-80-15	3	N	27.85		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	61.86	7.04		1	64.51	Login ID = 50026-80-15	3	N	711.36		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	1.85	14.08		1	64.51	Login ID = 50026-80-15	3	N	5150.49		
LPX-SD-4505-0012-0013	16-May-05	MOD 1613B	5.73	8.45		6	64.51	Login ID = 50026-80-15	3	N	38.96	#	1:6 DILUTION
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	28.69	7.04		1	64.51	Login ID = 50026-80-15	3	N	9.74	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	26.16	7.04		1	64.51	Login ID = 50026-80-15	3	N	19.59	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	9.93	7.04		1	64.51	Login ID = 50026-80-15	3	N	38.00		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	9.74	7.04		1	64.51	Login ID = 50026-80-15	3	N	24.10		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	9.88	7.04		1	64.51	Login ID = 50026-80-15	3	N	0.51	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	10.56	7.04		1	64.51	Login ID = 50026-80-15	3	N	16.94		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	25.12	7.04		1	64.51	Login ID = 50026-80-15	3	N	222.65		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	28.65	7.04		1	64.51	Login ID = 50026-80-15	3	N	12.89	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	1.52	14.08		1	64.51	Login ID = 50026-80-15	3	N	340.54		
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	0.51	1.41		1	64.51	Login ID = 50026-80-15	3	N	525.28	J	
LPX-SD-4505-0012-0013	12-May-05	MOD 1613B	2.35	8.45		6	64.51	Login ID = 50026-80-15	3	N	5516.26	J	1:6 DILUTION
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	27.42	7.04		1	64.51	Login ID = 50026-80-15	3	N	774.27	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	1.72	7.04		1	64.51	Login ID = 50026-80-15	3	N	137.60	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	10.03	7.04		1	64.51	Login ID = 50026-80-15	3	N	548.64	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	2.28	7.04		1	64.51	Login ID = 50026-80-15	3	N	234.72	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	26.78	7.04		1	64.51	Login ID = 50026-80-15	3	N	478.74	J	
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B	61.86	7.04		1	64.51	Login ID = 50026-80-15	3	N	1466.14	J	
LPX-SD-4505-0012-0013	12-May-05	MOD 1613B				6	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	16-May-05	MOD 1613B				6	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			
LPX-SD-4505-0012-0013	6-May-05	MOD 1613B				1	64.51	Login ID = 50026-80-15	3	N			

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LPX-SD-4505-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4505-0024-0025	1746-01-6	3767.75	D	PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4505-0024-0025	40321-76-4	17.58		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4505-0024-0025	39227-28-6	11.65		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4505-0024-0025	57653-85-7	30.96		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4505-0024-0025	19408-74-3	31.53		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4505-0024-0025	35822-46-9	616.46		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	OCDD	LPX-SD-4505-0024-0025	3268-87-9	3569.90		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4505-0024-0025	51207-31-9	76.01	D#	PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4505-0024-0025	57117-41-6	30.79		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4505-0024-0025	57117-31-4	25.57		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4505-0024-0025	70648-26-9	89.41		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4505-0024-0025	57117-44-9	103.12		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4505-0024-0025	72918-21-9	3.64	JK	PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4505-0024-0025	60851-34-5	32.46		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4505-0024-0025	67562-39-4	796.72		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4505-0024-0025	55673-89-7	33.86	JK	PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	OCDF	LPX-SD-4505-0024-0025	39001-02-0	1097.37		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4505-0024-0025	55722-27-5	560.70		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4505-0024-0025	41903-57-5	3895.71	D	PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4505-0024-0025	30402-15-4	1111.98		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4505-0024-0025	36088-22-9	135.96		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4505-0024-0025	55684-94-1	1154.07		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4505-0024-0025	34465-46-8	251.49		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4505-0024-0025	38998-75-3	1353.07		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4505-0024-0025	37871-00-4	1155.68		PG/G_DRYWT		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4505-0024-0025	76523-40-5	71	D	PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4505-0024-0025	109719-79-1	74		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4505-0024-0025	109719-80-4	77		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4505-0024-0025	109719-81-5	82		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4505-0024-0025	109719-83-7	82		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4505-0024-0025	114423-97-1	87		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4505-0024-0025	89059-46-1	79	D#	PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4505-0024-0025	109719-77-9	74		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4505-0024-0025	116843-02-8	74		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4505-0024-0025	114423-98-2	76		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4505-0024-0025	116843-03-9	78		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4505-0024-0025	116843-04-0	76		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4505-0024-0025	116843-05-1	78		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4505-0024-0025	116843-09-5	81		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4505-0024-0025	109719-94-0	79		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05
LPX-SD-4505-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4505-0024-0025	85508-50-5	106		PCT_REC		49715-02	BCO	50971-02-07	8-Apr-05	21-Apr-05

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LPX-SD-4505-0024-0025	12-May-05	MOD 1613B	1.64	6.26		6	4.31	Login ID = 50026-80-16	3	N	3767.75			1:6 DILUTION
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.94	5.22		1	4.31	Login ID = 50026-80-16	3	N	17.58			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.38	5.22		1	4.31	Login ID = 50026-80-16	3	N	11.65			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.37	5.22		1	4.31	Login ID = 50026-80-16	3	N	30.96			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.34	5.22		1	4.31	Login ID = 50026-80-16	3	N	31.53			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	38.83	5.22		1	4.31	Login ID = 50026-80-16	3	N	616.46			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	1.24	10.44		1	4.31	Login ID = 50026-80-16	3	N	3569.90			
LPX-SD-4505-0024-0025	16-May-05	MOD 1613B	5.09	6.26		6	4.31	Login ID = 50026-80-16	3	N	76.01	#		1:6 DILUTION
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	24.02	5.22		1	4.31	Login ID = 50026-80-16	3	N	30.79			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	22.04	5.22		1	4.31	Login ID = 50026-80-16	3	N	25.57			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	9.30	5.22		1	4.31	Login ID = 50026-80-16	3	N	89.41			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	9.14	5.22		1	4.31	Login ID = 50026-80-16	3	N	103.12			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	10.34	5.22		1	4.31	Login ID = 50026-80-16	3	N	3.64	*		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	9.36	5.22		1	4.31	Login ID = 50026-80-16	3	N	32.46			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	49.43	5.22		1	4.31	Login ID = 50026-80-16	3	N	796.72			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	56.83	5.22		1	4.31	Login ID = 50026-80-16	3	N	33.86	J		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.83	10.44		1	4.31	Login ID = 50026-80-16	3	N	1097.37			
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.61	1.04		1	4.31	Login ID = 50026-80-16	3	N	560.70	J		
LPX-SD-4505-0024-0025	12-May-05	MOD 1613B	1.64	6.26		6	4.31	Login ID = 50026-80-16	3	N	3895.71	J		1:6 DILUTION
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	23.03	5.22		1	4.31	Login ID = 50026-80-16	3	N	1111.98	J		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.94	5.22		1	4.31	Login ID = 50026-80-16	3	N	135.96	J		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	9.50	5.22		1	4.31	Login ID = 50026-80-16	3	N	1154.07	J		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	0.36	5.22		1	4.31	Login ID = 50026-80-16	3	N	251.49	J		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	52.88	5.22		1	4.31	Login ID = 50026-80-16	3	N	1353.07	J		
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B	38.83	5.22		1	4.31	Login ID = 50026-80-16	3	N	1155.68	J		
LPX-SD-4505-0024-0025	12-May-05	MOD 1613B				6	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	16-May-05	MOD 1613B				6	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				
LPX-SD-4505-0024-0025	6-May-05	MOD 1613B				1	4.31	Login ID = 50026-80-16	3	N				

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LPX-SD-4506-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4506-0000-0005	1746-01-6	12352.61	D	PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4506-0000-0005	40321-76-4	8.47		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4506-0000-0005	39227-28-6	10.44		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4506-0000-0005	57653-85-7	27.98		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4506-0000-0005	19408-74-3	27.16		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0000-0005	35822-46-9	681.07		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	OCDD	LPX-SD-4506-0000-0005	3268-87-9	4938.49		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4506-0000-0005	51207-31-9	19.60	D#	PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4506-0000-0005	57117-41-6	6.64	J	PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4506-0000-0005	57117-31-4	11.61		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4506-0000-0005	70648-26-9	32.41		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4506-0000-0005	57117-44-9	23.17		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4506-0000-0005	72918-21-9	1.06	J	PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4506-0000-0005	60851-34-5	14.76		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0000-0005	67562-39-4	245.71		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0000-0005	55673-89-7	13.46	J	PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	OCDF	LPX-SD-4506-0000-0005	39001-02-0	374.91		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4506-0000-0005	55722-27-5	206.16		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4506-0000-0005	41903-57-5	12437.23	D	PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4506-0000-0005	30402-15-4	421.29		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4506-0000-0005	36088-22-9	79.86		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4506-0000-0005	55684-94-1	455.01		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4506-0000-0005	34465-46-8	226.53		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4506-0000-0005	38998-75-3	504.80		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4506-0000-0005	37871-00-4	1316.85		PG/G_DRYWT	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4506-0000-0005	76523-40-5	60	D	PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4506-0000-0005	109719-79-1	79		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4506-0000-0005	109719-80-4	73		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4506-0000-0005	109719-81-5	89		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0000-0005	109719-83-7	78		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4506-0000-0005	114423-97-1	89		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4506-0000-0005	89059-46-1	46	D#	PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4506-0000-0005	109719-77-9	76		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4506-0000-0005	116843-02-8	75		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4506-0000-0005	114423-98-2	69		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4506-0000-0005	116843-03-9	70		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4506-0000-0005	116843-04-0	72		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4506-0000-0005	116843-05-1	69		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0000-0005	116843-09-5	72		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0000-0005	109719-94-0	74		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4506-0000-0005	85508-50-5	114		PCT_REC	49715-02	BCO	50971-02-08	8-Apr-05	21-Apr-05

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LPX-SD-4506-0000-0005	13-May-05	MOD 1613B	4.32	8.73		6	65.74	Login ID = 50026-80-17	3	N	12352.61	J		1:6 DILUTION
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.78	7.27		1	65.74	Login ID = 50026-80-17	3	N	8.47			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	1.23	7.27		1	65.74	Login ID = 50026-80-17	3	N	10.44			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	1.09	7.27		1	65.74	Login ID = 50026-80-17	3	N	27.98			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	1.04	7.27		1	65.74	Login ID = 50026-80-17	3	N	27.16			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.84	7.27		1	65.74	Login ID = 50026-80-17	3	N	681.07			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.64	14.55		1	65.74	Login ID = 50026-80-17	3	N	4938.49			
LPX-SD-4506-0000-0005	16-May-05	MOD 1613B	10.42	8.73		6	65.74	Login ID = 50026-80-17	3	N	19.60	#		1:6 DILUTION
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	7.99	7.27		1	65.74	Login ID = 50026-80-17	3	N	6.64	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	7.09	7.27		1	65.74	Login ID = 50026-80-17	3	N	11.61			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	5.32	7.27		1	65.74	Login ID = 50026-80-17	3	N	32.41			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	5.22	7.27		1	65.74	Login ID = 50026-80-17	3	N	23.17			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	5.40	7.27		1	65.74	Login ID = 50026-80-17	3	N	1.06	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	6.14	7.27		1	65.74	Login ID = 50026-80-17	3	N	14.76			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	16.24	7.27		1	65.74	Login ID = 50026-80-17	3	N	245.71			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	17.58	7.27		1	65.74	Login ID = 50026-80-17	3	N	13.46	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.94	14.55		1	65.74	Login ID = 50026-80-17	3	N	374.91			
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.71	1.45		1	65.74	Login ID = 50026-80-17	3	N	206.16	J		
LPX-SD-4506-0000-0005	13-May-05	MOD 1613B	4.32	8.73		6	65.74	Login ID = 50026-80-17	3	N	12437.23	J		1:6 DILUTION
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	7.54	7.27		1	65.74	Login ID = 50026-80-17	3	N	421.29	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.78	7.27		1	65.74	Login ID = 50026-80-17	3	N	79.86	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	5.51	7.27		1	65.74	Login ID = 50026-80-17	3	N	455.01	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	1.11	7.27		1	65.74	Login ID = 50026-80-17	3	N	226.53	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	16.89	7.27		1	65.74	Login ID = 50026-80-17	3	N	504.80	J		
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B	0.84	7.27		1	65.74	Login ID = 50026-80-17	3	N	1316.85	J		
LPX-SD-4506-0000-0005	13-May-05	MOD 1613B				6	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	16-May-05	MOD 1613B				6	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				
LPX-SD-4506-0000-0005	11-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	N				

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LPX-SD-4506-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4506-0012-0013	1746-01-6	3314.41	D	PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4506-0012-0013	40321-76-4	11.36		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4506-0012-0013	39227-28-6	5.95		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4506-0012-0013	57653-85-7	18.52		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4506-0012-0013	19408-74-3	17.98		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0012-0013	35822-46-9	310.30		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	OCDD	LPX-SD-4506-0012-0013	3268-87-9	1983.44		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4506-0012-0013	51207-31-9	27.31	D#	PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4506-0012-0013	57117-41-6	5.97	J	PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4506-0012-0013	57117-31-4	13.95		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4506-0012-0013	70648-26-9	31.46		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4506-0012-0013	57117-44-9	13.61		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4506-0012-0013	72918-21-9	0.80	JK	PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4506-0012-0013	60851-34-5	12.26		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0012-0013	67562-39-4	100.25		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0012-0013	55673-89-7	7.23		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	OCDF	LPX-SD-4506-0012-0013	39001-02-0	117.67		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4506-0012-0013	55722-27-5	333.59		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4506-0012-0013	41903-57-5	3376.60	D	PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4506-0012-0013	30402-15-4	440.58		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4506-0012-0013	36088-22-9	110.27		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4506-0012-0013	55684-94-1	288.24		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4506-0012-0013	34465-46-8	165.88		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4506-0012-0013	38998-75-3	192.35		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4506-0012-0013	37871-00-4	602.90		PG/G_DRYWT		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4506-0012-0013	76523-40-5	59	D	PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4506-0012-0013	109719-79-1	85		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4506-0012-0013	109719-80-4	83		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4506-0012-0013	109719-81-5	85		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0012-0013	109719-83-7	82		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4506-0012-0013	114423-97-1	92		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4506-0012-0013	89059-46-1	54	D#	PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4506-0012-0013	109719-77-9	84		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4506-0012-0013	116843-02-8	82		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4506-0012-0013	114423-98-2	69		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4506-0012-0013	116843-03-9	73		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4506-0012-0013	116843-04-0	72		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4506-0012-0013	116843-05-1	70		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0012-0013	116843-09-5	74		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0012-0013	109719-94-0	76		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05
LPX-SD-4506-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4506-0012-0013	85508-50-5	92		PCT_REC		49715-02	BCO	50971-02-09	8-Apr-05	21-Apr-05

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LPX-SD-4506-0012-0013	13-May-05	MOD 1613B	2.00	5.53		6	46.32	Login ID = 50026-80-18	3	N	3314.41		1:6 DILUTION
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.81	4.61		1	46.32	Login ID = 50026-80-18	3	N	11.36		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.36	4.61		1	46.32	Login ID = 50026-80-18	3	N	5.95		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.12	4.61		1	46.32	Login ID = 50026-80-18	3	N	18.52		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.02	4.61		1	46.32	Login ID = 50026-80-18	3	N	17.98		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.81	4.61		1	46.32	Login ID = 50026-80-18	3	N	310.30		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.77	9.22		1	46.32	Login ID = 50026-80-18	3	N	1983.44		
LPX-SD-4506-0012-0013	17-May-05	MOD 1613B	2.42	5.53		6	46.32	Login ID = 50026-80-18	3	N	27.31	#	1:6 DILUTION
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	6.90	4.61		1	46.32	Login ID = 50026-80-18	3	N	5.97	J	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	6.20	4.61		1	46.32	Login ID = 50026-80-18	3	N	13.95		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.02	4.61		1	46.32	Login ID = 50026-80-18	3	N	31.46		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.00	4.61		1	46.32	Login ID = 50026-80-18	3	N	13.61		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.14	4.61		1	46.32	Login ID = 50026-80-18	3	N	0.80	*	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.31	4.61		1	46.32	Login ID = 50026-80-18	3	N	12.26		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.63	4.61		1	46.32	Login ID = 50026-80-18	3	N	100.25		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.91	4.61		1	46.32	Login ID = 50026-80-18	3	N	7.23		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.33	9.22		1	46.32	Login ID = 50026-80-18	3	N	117.67		
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.55	0.92		1	46.32	Login ID = 50026-80-18	3	N	333.59	J	
LPX-SD-4506-0012-0013	13-May-05	MOD 1613B	2.00	5.53		6	46.32	Login ID = 50026-80-18	3	N	3376.60	J	1:6 DILUTION
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	6.55	4.61		1	46.32	Login ID = 50026-80-18	3	N	440.58	J	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.81	4.61		1	46.32	Login ID = 50026-80-18	3	N	110.27	J	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.11	4.61		1	46.32	Login ID = 50026-80-18	3	N	288.24	J	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.16	4.61		1	46.32	Login ID = 50026-80-18	3	N	165.88	J	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	2.76	4.61		1	46.32	Login ID = 50026-80-18	3	N	192.35	J	
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B	0.81	4.61		1	46.32	Login ID = 50026-80-18	3	N	602.90	J	
LPX-SD-4506-0012-0013	13-May-05	MOD 1613B				6	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	17-May-05	MOD 1613B				6	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			
LPX-SD-4506-0012-0013	11-May-05	MOD 1613B				1	46.32	Login ID = 50026-80-18	3	N			

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LPX-SD-4506-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4506-0024-0025	1746-01-6	9.65	B	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4506-0024-0025	40321-76-4	0.70	J	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4506-0024-0025	39227-28-6	0.49	J	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4506-0024-0025	57653-85-7	0.78	J	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4506-0024-0025	19408-74-3	1.20	J	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0024-0025	35822-46-9	5.47		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	OCDD	LPX-SD-4506-0024-0025	3268-87-9	84.41		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4506-0024-0025	51207-31-9	100.00	#	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4506-0024-0025	57117-41-6	5.23		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4506-0024-0025	57117-31-4	4.98		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4506-0024-0025	70648-26-9	8.06		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4506-0024-0025	57117-44-9	3.42		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4506-0024-0025	72918-21-9	0.56	U	PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4506-0024-0025	60851-34-5	2.17		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0024-0025	67562-39-4	15.61		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0024-0025	55673-89-7	1.46		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	OCDF	LPX-SD-4506-0024-0025	39001-02-0	30.05		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4506-0024-0025	55722-27-5	151.21		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4506-0024-0025	41903-57-5	12.36		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4506-0024-0025	30402-15-4	103.50		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4506-0024-0025	36088-22-9	2.78		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4506-0024-0025	55684-94-1	29.57		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4506-0024-0025	34465-46-8	2.47		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4506-0024-0025	38998-75-3	24.89		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4506-0024-0025	37871-00-4	13.00		PG/G_DRYWT		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4506-0024-0025	76523-40-5	80		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4506-0024-0025	109719-79-1	88		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4506-0024-0025	109719-80-4	83		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4506-0024-0025	109719-81-5	88		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0024-0025	109719-83-7	85		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4506-0024-0025	114423-97-1	84		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4506-0024-0025	89059-46-1	63	#	PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4506-0024-0025	109719-77-9	85		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4506-0024-0025	116843-02-8	82		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4506-0024-0025	114423-98-2	76		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4506-0024-0025	116843-03-9	79		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4506-0024-0025	116843-04-0	76		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4506-0024-0025	116843-05-1	77		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0024-0025	116843-09-5	85		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0024-0025	109719-94-0	82		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05
LPX-SD-4506-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4506-0024-0025	85508-50-5	90		PCT_REC		49715-02	BCO	50971-02-10	8-Apr-05	21-Apr-05

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LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.06	1.62		1	69.55	Login ID = 50026-80-19	3	N	9.65	U	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.15	8.12		1	69.55	Login ID = 50026-80-19	3	N	0.70	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	3.80	8.12		1	69.55	Login ID = 50026-80-19	3	N	0.49	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	3.50	8.12		1	69.55	Login ID = 50026-80-19	3	N	0.78	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	3.29	8.12		1	69.55	Login ID = 50026-80-19	3	N	1.20	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.07	8.12		1	69.55	Login ID = 50026-80-19	3	N	5.47		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.74	16.24		1	69.55	Login ID = 50026-80-19	3	N	84.41		
LPX-SD-4506-0024-0025	13-May-05	MOD 1613B	1.66	1.62		1	69.55	Login ID = 50026-80-19	3	N	100.00	#	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.51	8.12		1	69.55	Login ID = 50026-80-19	3	N	5.23		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.36	8.12		1	69.55	Login ID = 50026-80-19	3	N	4.98		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	0.52	8.12		1	69.55	Login ID = 50026-80-19	3	N	8.06		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	0.50	8.12		1	69.55	Login ID = 50026-80-19	3	N	3.42		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	0.56	8.12		1	69.55	Login ID = 50026-80-19	3	N	0.56	U	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	0.52	8.12		1	69.55	Login ID = 50026-80-19	3	N	2.17		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.13	8.12		1	69.55	Login ID = 50026-80-19	3	N	15.61		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.32	8.12		1	69.55	Login ID = 50026-80-19	3	N	1.46		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.66	16.24		1	69.55	Login ID = 50026-80-19	3	N	30.05		
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.00	1.62		1	69.55	Login ID = 50026-80-19	3	N	151.21	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.06	1.62		1	69.55	Login ID = 50026-80-19	3	N	12.36	UJ	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.43	8.12		1	69.55	Login ID = 50026-80-19	3	N	103.50	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.15	8.12		1	69.55	Login ID = 50026-80-19	3	N	2.78	UJ	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	0.53	8.12		1	69.55	Login ID = 50026-80-19	3	N	29.57	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	3.52	8.12		1	69.55	Login ID = 50026-80-19	3	N	2.47	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.22	8.12		1	69.55	Login ID = 50026-80-19	3	N	24.89	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B	1.07	8.12		1	69.55	Login ID = 50026-80-19	3	N	13.00	J	
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	13-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			
LPX-SD-4506-0024-0025	10-May-05	MOD 1613B				1	69.55	Login ID = 50026-80-19	3	N			

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LPX-SD-4507-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4507-0012-0013	1746-01-6	5246.28	D	PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4507-0012-0013	40321-76-4	12.72		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4507-0012-0013	39227-28-6	12.47		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4507-0012-0013	57653-85-7	37.43		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4507-0012-0013	19408-74-3	29.58		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4507-0012-0013	35822-46-9	852.96		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	OCDD	LPX-SD-4507-0012-0013	3268-87-9	6523.05		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4507-0012-0013	51207-31-9	31.37	D#	PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4507-0012-0013	57117-41-6	11.30		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4507-0012-0013	57117-31-4	18.05		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4507-0012-0013	70648-26-9	38.04		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4507-0012-0013	57117-44-9	27.53		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4507-0012-0013	72918-21-9	0.79	J	PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4507-0012-0013	60851-34-5	16.88		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4507-0012-0013	67562-39-4	281.88		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4507-0012-0013	55673-89-7	14.07		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	OCDF	LPX-SD-4507-0012-0013	39001-02-0	415.90		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4507-0012-0013	55722-27-5	375.50		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4507-0012-0013	41903-57-5	5345.83	D	PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4507-0012-0013	30402-15-4	620.80		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4507-0012-0013	36088-22-9	109.00		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4507-0012-0013	55684-94-1	563.87		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4507-0012-0013	34465-46-8	269.45		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4507-0012-0013	38998-75-3	615.57		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4507-0012-0013	37871-00-4	1804.76		PG/G_DRYWT		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4507-0012-0013	76523-40-5	82	D	PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4507-0012-0013	109719-79-1	87		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4507-0012-0013	109719-80-4	78		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4507-0012-0013	109719-81-5	88		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4507-0012-0013	109719-83-7	89		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4507-0012-0013	114423-97-1	94		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4507-0012-0013	89059-46-1	83	D#	PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4507-0012-0013	109719-77-9	89		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4507-0012-0013	116843-02-8	86		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4507-0012-0013	114423-98-2	78		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4507-0012-0013	116843-03-9	80		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4507-0012-0013	116843-04-0	79		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4507-0012-0013	116843-05-1	80		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4507-0012-0013	116843-09-5	89		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4507-0012-0013	109719-94-0	88		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05
LPX-SD-4507-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4507-0012-0013	85508-50-5	126		PCT_REC		49715-02	BCO	50971-02-11	8-Apr-05	21-Apr-05

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LPX-SD-4507-0012-0013	13-May-05	MOD 1613B	2.73	8.07		6	62.90	Login ID = 50026-80-21	3	N	5246.28		1:6 DILUTION
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	2.01	6.73		1	62.90	Login ID = 50026-80-21	3	N	12.72		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.89	6.73		1	62.90	Login ID = 50026-80-21	3	N	12.47		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.31	6.73		1	62.90	Login ID = 50026-80-21	3	N	37.43		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.03	6.73		1	62.90	Login ID = 50026-80-21	3	N	29.58		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	1.06	6.73		1	62.90	Login ID = 50026-80-21	3	N	852.96		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	0.95	13.45		1	62.90	Login ID = 50026-80-21	3	N	6523.05		
LPX-SD-4507-0012-0013	14-May-05	MOD 1613B	7.07	1.35		6	62.90	Login ID = 50026-80-21	3	N	31.37	#	1:6 DILUTION
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	76.05	6.73		1	62.90	Login ID = 50026-80-21	3	N	11.30		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	66.63	6.73		1	62.90	Login ID = 50026-80-21	3	N	18.05		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	10.57	6.73		1	62.90	Login ID = 50026-80-21	3	N	38.04		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	10.32	6.73		1	62.90	Login ID = 50026-80-21	3	N	27.53		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	11.39	6.73		1	62.90	Login ID = 50026-80-21	3	N	0.79	J	
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	10.57	6.73		1	62.90	Login ID = 50026-80-21	3	N	16.88		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.36	6.73		1	62.90	Login ID = 50026-80-21	3	N	281.88		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.97	6.73		1	62.90	Login ID = 50026-80-21	3	N	14.07		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	1.37	13.45		1	62.90	Login ID = 50026-80-21	3	N	415.90		
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	0.69	1.35		1	62.90	Login ID = 50026-80-21	3	N	375.50	J	
LPX-SD-4507-0012-0013	13-May-05	MOD 1613B	2.73	8.07		6	62.90	Login ID = 50026-80-21	3	N	5345.83	J	1:6 DILUTION
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	71.34	6.73		1	62.90	Login ID = 50026-80-21	3	N	620.80	J	
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	2.01	6.73		1	62.90	Login ID = 50026-80-21	3	N	109.00	J	
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	10.69	6.73		1	62.90	Login ID = 50026-80-21	3	N	563.87	J	
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.38	6.73		1	62.90	Login ID = 50026-80-21	3	N	269.45	J	
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	5.64	6.73		1	62.90	Login ID = 50026-80-21	3	N	615.57	J	
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B	1.06	6.73		1	62.90	Login ID = 50026-80-21	3	N	1804.76	J	
LPX-SD-4507-0012-0013	13-May-05	MOD 1613B				6	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	14-May-05	MOD 1613B				6	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			
LPX-SD-4507-0012-0013	10-May-05	MOD 1613B				1	62.90	Login ID = 50026-80-21	3	N			

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LPX-SD-4508-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4508-0012-0013	1746-01-6	142.47		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4508-0012-0013	40321-76-4	1.00	U	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4508-0012-0013	39227-28-6	0.73	J	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4508-0012-0013	57653-85-7	2.75	J	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4508-0012-0013	19408-74-3	2.05	J	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0012-0013	35822-46-9	54.97		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	OCDD	LPX-SD-4508-0012-0013	3268-87-9	391.39		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4508-0012-0013	51207-31-9	0.89	#	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4508-0012-0013	57117-41-6	0.51	J	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4508-0012-0013	57117-31-4	0.35	J	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4508-0012-0013	70648-26-9	1.47		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4508-0012-0013	57117-44-9	1.14		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4508-0012-0013	72918-21-9	1.05	U	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4508-0012-0013	60851-34-5	0.80	JK	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0012-0013	67562-39-4	12.34		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0012-0013	55673-89-7	0.57	JK	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	OCDF	LPX-SD-4508-0012-0013	39001-02-0	21.58		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4508-0012-0013	55722-27-5	16.89		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4508-0012-0013	41903-57-5	145.59		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4508-0012-0013	30402-15-4	21.96		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4508-0012-0013	36088-22-9	1.00	U	PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4508-0012-0013	55684-94-1	21.03		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4508-0012-0013	34465-46-8	15.20		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4508-0012-0013	38998-75-3	25.83		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4508-0012-0013	37871-00-4	123.03		PG/G_DRYWT		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4508-0012-0013	76523-40-5	69		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4508-0012-0013	109719-79-1	79		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4508-0012-0013	109719-80-4	79		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4508-0012-0013	109719-81-5	87		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0012-0013	109719-83-7	85		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4508-0012-0013	114423-97-1	86		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4508-0012-0013	89059-46-1	82	#	PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4508-0012-0013	109719-77-9	78		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4508-0012-0013	116843-02-8	78		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4508-0012-0013	114423-98-2	73		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4508-0012-0013	116843-03-9	76		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4508-0012-0013	116843-04-0	74		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4508-0012-0013	116843-05-1	75		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0012-0013	116843-09-5	91		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0012-0013	109719-94-0	88		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05
LPX-SD-4508-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4508-0012-0013	85508-50-5	85		PCT_REC		49715-02	BCO	50971-02-12	8-Apr-05	21-Apr-05

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LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.66	1.03		1	3.30	Login ID = 50026-80-24	3	N	142.47		
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.00	5.17		1	3.30	Login ID = 50026-80-24	3	N	1.00	U	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	8.70	5.17		1	3.30	Login ID = 50026-80-24	3	N	0.73	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	8.60	5.17		1	3.30	Login ID = 50026-80-24	3	N	2.75	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	7.80	5.17		1	3.30	Login ID = 50026-80-24	3	N	2.05	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.30	5.17		1	3.30	Login ID = 50026-80-24	3	N	54.97		
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.05	10.33		1	3.30	Login ID = 50026-80-24	3	N	391.39		
LPX-SD-4508-0012-0013	17-May-05	MOD 1613B	0.52	1.03		1	3.30	Login ID = 50026-80-24	3	N	0.89	#	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.62	5.17		1	3.30	Login ID = 50026-80-24	3	N	0.51	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.40	5.17		1	3.30	Login ID = 50026-80-24	3	N	0.35	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.94	5.17		1	3.30	Login ID = 50026-80-24	3	N	1.47		
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.94	5.17		1	3.30	Login ID = 50026-80-24	3	N	1.14		
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.05	5.17		1	3.30	Login ID = 50026-80-24	3	N	1.05	U	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.93	5.17		1	3.30	Login ID = 50026-80-24	3	N	0.80	*	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	2.50	5.17		1	3.30	Login ID = 50026-80-24	3	N	12.34		
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	2.94	5.17		1	3.30	Login ID = 50026-80-24	3	N	0.57	*	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.37	10.33		1	3.30	Login ID = 50026-80-24	3	N	21.58		
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.42	1.03		1	3.30	Login ID = 50026-80-24	3	N	16.89	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.66	1.03		1	3.30	Login ID = 50026-80-24	3	N	145.59	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.51	5.17		1	3.30	Login ID = 50026-80-24	3	N	21.96	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.00	5.17		1	3.30	Login ID = 50026-80-24	3	N	1.00	UJ	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	0.96	5.17		1	3.30	Login ID = 50026-80-24	3	N	21.03	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	8.34	5.17		1	3.30	Login ID = 50026-80-24	3	N	15.20	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	2.70	5.17		1	3.30	Login ID = 50026-80-24	3	N	25.83	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B	1.30	5.17		1	3.30	Login ID = 50026-80-24	3	N	123.03	J	
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	17-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			
LPX-SD-4508-0012-0013	10-May-05	MOD 1613B				1	3.30	Login ID = 50026-80-24	3	N			

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LPX-SD-4509-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4509-0000-0005	1746-01-6	10117.51	D	PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4509-0000-0005	40321-76-4	9.29		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4509-0000-0005	39227-28-6	10.51		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4509-0000-0005	57653-85-7	33.23		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4509-0000-0005	19408-74-3	29.61		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4509-0000-0005	35822-46-9	807.60		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	OCDD	LPX-SD-4509-0000-0005	3268-87-9	6256.45		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4509-0000-0005	51207-31-9	22.27	D#	PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4509-0000-0005	57117-41-6	8.38	J	PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4509-0000-0005	57117-31-4	14.25	J	PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4509-0000-0005	70648-26-9	37.46		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4509-0000-0005	57117-44-9	27.72		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4509-0000-0005	72918-21-9	0.92	J	PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4509-0000-0005	60851-34-5	19.34		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4509-0000-0005	67562-39-4	322.70		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4509-0000-0005	55673-89-7	15.79		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	OCDF	LPX-SD-4509-0000-0005	39001-02-0	489.86		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4509-0000-0005	55722-27-5	229.98		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4509-0000-0005	41903-57-5	10286.30	D	PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4509-0000-0005	30402-15-4	600.87		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4509-0000-0005	36088-22-9	74.73		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4509-0000-0005	55684-94-1	570.18		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4509-0000-0005	34465-46-8	257.45		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4509-0000-0005	38998-75-3	676.12		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4509-0000-0005	37871-00-4	1597.80		PG/G_DRYWT		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4509-0000-0005	76523-40-5	72	D	PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4509-0000-0005	109719-79-1	85		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4509-0000-0005	109719-80-4	82		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4509-0000-0005	109719-81-5	92		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4509-0000-0005	109719-83-7	90		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4509-0000-0005	114423-97-1	96		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4509-0000-0005	89059-46-1	69	D#	PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4509-0000-0005	109719-77-9	85		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4509-0000-0005	116843-02-8	81		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4509-0000-0005	114423-98-2	79		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4509-0000-0005	116843-03-9	81		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4509-0000-0005	116843-04-0	79		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4509-0000-0005	116843-05-1	80		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4509-0000-0005	116843-09-5	92		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4509-0000-0005	109719-94-0	89		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05
LPX-SD-4509-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4509-0000-0005	85508-50-5	136		PCT_REC		49715-02	BCO	50971-02-13	8-Apr-05	21-Apr-05

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SAMPLE	ANALYSIS DATE	METHOD											COMMENT
LPX-SD-4509-0000-0005	13-May-05	MOD 1613B	2.27	8.07		6	66.12	Login ID = 50026-81-02	3	N	10117.51		1:6 DILUTION
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.49	6.73		1	66.12	Login ID = 50026-81-02	3	N	9.29		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.22	6.73		1	66.12	Login ID = 50026-81-02	3	N	10.51		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.09	6.73		1	66.12	Login ID = 50026-81-02	3	N	33.23		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.04	6.73		1	66.12	Login ID = 50026-81-02	3	N	29.61		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	0.38	6.73		1	66.12	Login ID = 50026-81-02	3	N	807.60		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.02	13.45		1	66.12	Login ID = 50026-81-02	3	N	6256.45		
LPX-SD-4509-0000-0005	17-May-05	MOD 1613B	4.77	8.07		6	66.12	Login ID = 50026-81-02	3	N	22.27	#	1:6 DILUTION
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	31.21	6.73		1	66.12	Login ID = 50026-81-02	3	N	8.38	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	28.36	6.73		1	66.12	Login ID = 50026-81-02	3	N	14.25	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	7.18	6.73		1	66.12	Login ID = 50026-81-02	3	N	37.46		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	6.90	6.73		1	66.12	Login ID = 50026-81-02	3	N	27.72		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	7.51	6.73		1	66.12	Login ID = 50026-81-02	3	N	0.92	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	7.11	6.73		1	66.12	Login ID = 50026-81-02	3	N	19.34		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	4.62	6.73		1	66.12	Login ID = 50026-81-02	3	N	322.70		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	5.21	6.73		1	66.12	Login ID = 50026-81-02	3	N	15.79		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	0.61	13.45		1	66.12	Login ID = 50026-81-02	3	N	489.86		
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	0.75	1.35		1	66.12	Login ID = 50026-81-02	3	N	229.98	J	
LPX-SD-4509-0000-0005	13-May-05	MOD 1613B	2.27	8.07		6	66.12	Login ID = 50026-81-02	3	N	10286.30	J	1:6 DILUTION
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	29.79	6.73		1	66.12	Login ID = 50026-81-02	3	N	600.87	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.49	6.73		1	66.12	Login ID = 50026-81-02	3	N	74.73	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	7.16	6.73		1	66.12	Login ID = 50026-81-02	3	N	570.18	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	1.11	6.73		1	66.12	Login ID = 50026-81-02	3	N	257.45	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	4.89	6.73		1	66.12	Login ID = 50026-81-02	3	N	676.12	J	
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B	0.38	6.73		1	66.12	Login ID = 50026-81-02	3	N	1597.80	J	
LPX-SD-4509-0000-0005	13-May-05	MOD 1613B				6	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	17-May-05	MOD 1613B				6	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			
LPX-SD-4509-0000-0005	10-May-05	MOD 1613B				1	66.12	Login ID = 50026-81-02	3	N			

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LPX-SD-4509-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4509-0012-0013	1746-01-6	184.34		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4509-0012-0013	40321-76-4	1.20		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4509-0012-0013	39227-28-6	1.19		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4509-0012-0013	57653-85-7	3.78		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4509-0012-0013	19408-74-3	3.68		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4509-0012-0013	35822-46-9	74.33		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	OCDD	LPX-SD-4509-0012-0013	3268-87-9	525.65		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4509-0012-0013	51207-31-9	2.89	#	PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4509-0012-0013	57117-41-6	1.50	J	PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4509-0012-0013	57117-31-4	2.41	J	PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4509-0012-0013	70648-26-9	8.66		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4509-0012-0013	57117-44-9	3.35		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4509-0012-0013	72918-21-9	0.24	J	PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4509-0012-0013	60851-34-5	3.37		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4509-0012-0013	67562-39-4	29.31		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4509-0012-0013	55673-89-7	2.37		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	OCDF	LPX-SD-4509-0012-0013	39001-02-0	51.21		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4509-0012-0013	55722-27-5	39.58		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4509-0012-0013	41903-57-5	190.97		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4509-0012-0013	30402-15-4	71.88		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4509-0012-0013	36088-22-9	12.36		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4509-0012-0013	55684-94-1	57.48		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4509-0012-0013	34465-46-8	33.95		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4509-0012-0013	38998-75-3	62.31		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4509-0012-0013	37871-00-4	143.59		PG/G_DRYWT		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4509-0012-0013	76523-40-5	83		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4509-0012-0013	109719-79-1	90		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4509-0012-0013	109719-80-4	83		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4509-0012-0013	109719-81-5	93		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4509-0012-0013	109719-83-7	90		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4509-0012-0013	114423-97-1	91		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4509-0012-0013	89059-46-1	97	#	PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4509-0012-0013	109719-77-9	89		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4509-0012-0013	116843-02-8	88		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4509-0012-0013	114423-98-2	80		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4509-0012-0013	116843-03-9	82		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4509-0012-0013	116843-04-0	80		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4509-0012-0013	116843-05-1	80		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4509-0012-0013	116843-09-5	91		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4509-0012-0013	109719-94-0	92		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05
LPX-SD-4509-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4509-0012-0013	85508-50-5	98		PCT_REC		49715-02	BCO	50971-02-14	8-Apr-05	21-Apr-05

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LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.48	0.72		1	31.09	Login ID = 50026-81-03	3	N		184.34		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.57	3.58		1	31.09	Login ID = 50026-81-03	3	N		1.20		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.96	3.58		1	31.09	Login ID = 50026-81-03	3	N		1.19		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.90	3.58		1	31.09	Login ID = 50026-81-03	3	N		3.78		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.84	3.58		1	31.09	Login ID = 50026-81-03	3	N		3.68		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.35	3.58		1	31.09	Login ID = 50026-81-03	3	N		74.33		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.97	7.17		1	31.09	Login ID = 50026-81-03	3	N		525.65		
LPX-SD-4509-0012-0013	17-May-05	MOD 1613B	0.25	0.72		1	31.09	Login ID = 50026-81-03	3	N		2.89	#	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	2.86	3.58		1	31.09	Login ID = 50026-81-03	3	N		1.50	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	2.47	3.58		1	31.09	Login ID = 50026-81-03	3	N		2.41	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.66	3.58		1	31.09	Login ID = 50026-81-03	3	N		8.66		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.67	3.58		1	31.09	Login ID = 50026-81-03	3	N		3.35		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.76	3.58		1	31.09	Login ID = 50026-81-03	3	N		0.24	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.69	3.58		1	31.09	Login ID = 50026-81-03	3	N		3.37		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.71	3.58		1	31.09	Login ID = 50026-81-03	3	N		29.31		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.79	3.58		1	31.09	Login ID = 50026-81-03	3	N		2.37		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.89	7.17		1	31.09	Login ID = 50026-81-03	3	N		51.21		
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.28	0.72		1	31.09	Login ID = 50026-81-03	3	N		39.58	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.48	0.72		1	31.09	Login ID = 50026-81-03	3	N		190.97	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	2.67	3.58		1	31.09	Login ID = 50026-81-03	3	N		71.88	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.57	3.58		1	31.09	Login ID = 50026-81-03	3	N		12.36	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.69	3.58		1	31.09	Login ID = 50026-81-03	3	N		57.48	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.89	3.58		1	31.09	Login ID = 50026-81-03	3	N		33.95	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.75	3.58		1	31.09	Login ID = 50026-81-03	3	N		62.31	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B	0.35	3.58		1	31.09	Login ID = 50026-81-03	3	N		143.59	J	
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	17-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				
LPX-SD-4509-0012-0013	10-May-05	MOD 1613B				1	31.09	Login ID = 50026-81-03	3	N				

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LPX-SD-4510-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4510-0012-0013	1746-01-6	23636.51	D	PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4510-0012-0013	40321-76-4	78.97		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4510-0012-0013	39227-28-6	35.89		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4510-0012-0013	57653-85-7	95.33		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4510-0012-0013	19408-74-3	98.87		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4510-0012-0013	35822-46-9	2003.68		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	OCDD	LPX-SD-4510-0012-0013	3268-87-9	11081.03		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4510-0012-0013	51207-31-9	212.12	#	PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4510-0012-0013	57117-41-6	27.90	J	PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4510-0012-0013	57117-31-4	74.84	J	PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4510-0012-0013	70648-26-9	105.34		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4510-0012-0013	57117-44-9	60.15		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4510-0012-0013	72918-21-9	1.81	J	PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4510-0012-0013	60851-34-5	41.00		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4510-0012-0013	67562-39-4	558.56		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4510-0012-0013	55673-89-7	24.92		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	OCDF	LPX-SD-4510-0012-0013	39001-02-0	566.08		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4510-0012-0013	55722-27-5	2559.39		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4510-0012-0013	41903-57-5	24301.15	D	PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4510-0012-0013	30402-15-4	4067.88		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4510-0012-0013	36088-22-9	587.14		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4510-0012-0013	55684-94-1	1365.38		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4510-0012-0013	34465-46-8	818.68		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4510-0012-0013	38998-75-3	1121.29		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4510-0012-0013	37871-00-4	3758.44		PG/G_DRYWT		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4510-0012-0013	76523-40-5	67	D	PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4510-0012-0013	109719-79-1	87		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4510-0012-0013	109719-80-4	82		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4510-0012-0013	109719-81-5	89		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4510-0012-0013	109719-83-7	92		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4510-0012-0013	114423-97-1	97		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4510-0012-0013	89059-46-1	55	#	PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4510-0012-0013	109719-77-9	88		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4510-0012-0013	116843-02-8	84		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4510-0012-0013	114423-98-2	78		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4510-0012-0013	116843-03-9	80		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4510-0012-0013	116843-04-0	81		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4510-0012-0013	116843-05-1	80		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4510-0012-0013	116843-09-5	90		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4510-0012-0013	109719-94-0	89		PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05
LPX-SD-4510-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4510-0012-0013	85508-50-5	174	&	PCT_REC		49715-02	BCO	50971-02-15	8-Apr-05	21-Apr-05

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LPX-SD-4510-0012-0013	13-May-05	MOD 1613B	4.07	15.37		10	67.97	Login ID = 50026-81-06	3	N	23636.51	J	1:10 DILUTION
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	3.37	7.68		1	67.97	Login ID = 50026-81-06	3	N	78.97	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	10.81	7.68		1	67.97	Login ID = 50026-81-06	3	N	35.89	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	9.87	7.68		1	67.97	Login ID = 50026-81-06	3	N	95.33	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	9.31	7.68		1	67.97	Login ID = 50026-81-06	3	N	98.87	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	0.69	7.68		1	67.97	Login ID = 50026-81-06	3	N	2003.68	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	0.70	15.37		1	67.97	Login ID = 50026-81-06	3	N	11081.03	J	
LPX-SD-4510-0012-0013	17-May-05	MOD 1613B	2.19	1.54		1	67.97	Login ID = 50026-81-06	3	N	212.12	J#	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	314.50	7.68		1	67.97	Login ID = 50026-81-06	3	N	27.90	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	289.77	7.68		1	67.97	Login ID = 50026-81-06	3	N	74.84	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	19.15	7.68		1	67.97	Login ID = 50026-81-06	3	N	105.34	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	18.38	7.68		1	67.97	Login ID = 50026-81-06	3	N	60.15	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	19.58	7.68		1	67.97	Login ID = 50026-81-06	3	N	1.81	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	18.79	7.68		1	67.97	Login ID = 50026-81-06	3	N	41.00	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	8.72	7.68		1	67.97	Login ID = 50026-81-06	3	N	558.56	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	9.66	7.68		1	67.97	Login ID = 50026-81-06	3	N	24.92	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	1.11	15.37		1	67.97	Login ID = 50026-81-06	3	N	566.08	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	1.16	1.54		1	67.97	Login ID = 50026-81-06	3	N	2559.39	J	
LPX-SD-4510-0012-0013	13-May-05	MOD 1613B	4.07	15.37		10	67.97	Login ID = 50026-81-06	3	N	24301.15	J	1:10 DILUTION
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	302.16	7.68		1	67.97	Login ID = 50026-81-06	3	N	4067.88	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	3.37	7.68		1	67.97	Login ID = 50026-81-06	3	N	587.14	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	18.95	7.68		1	67.97	Login ID = 50026-81-06	3	N	1365.38	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	9.95	7.68		1	67.97	Login ID = 50026-81-06	3	N	818.68	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	9.16	7.68		1	67.97	Login ID = 50026-81-06	3	N	1121.29	J	
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B	0.69	7.68		1	67.97	Login ID = 50026-81-06	3	N	3758.44	J	
LPX-SD-4510-0012-0013	13-May-05	MOD 1613B				10	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	17-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			
LPX-SD-4510-0012-0013	10-May-05	MOD 1613B				1	67.97	Login ID = 50026-81-06	3	N			

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LPX-SD-4510-0024-0025	DIOXIN	2,3,7,8-TCDD	LPX-SD-4510-0024-0025	1746-01-6	8.14	B	PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4510-0024-0025	40321-76-4	19.14		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4510-0024-0025	39227-28-6	24.48		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4510-0024-0025	57653-85-7	54.60		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4510-0024-0025	19408-74-3	89.47		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4510-0024-0025	35822-46-9	781.30		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	OCDD	LPX-SD-4510-0024-0025	3268-87-9	3295.59		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	2,3,7,8-TCDF	LPX-SD-4510-0024-0025	51207-31-9	36.14	#	PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4510-0024-0025	57117-41-6	62.91	J	PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4510-0024-0025	57117-31-4	48.17	J	PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4510-0024-0025	70648-26-9	263.66		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4510-0024-0025	57117-44-9	325.48		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4510-0024-0025	72918-21-9	18.09	J	PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4510-0024-0025	60851-34-5	85.84		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4510-0024-0025	67562-39-4	2050.62		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4510-0024-0025	55673-89-7	176.08		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	OCDF	LPX-SD-4510-0024-0025	39001-02-0	3281.59		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Tetra-Furans	LPX-SD-4510-0024-0025	55722-27-5	605.11		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Tetra-Dioxins	LPX-SD-4510-0024-0025	41903-57-5	21.41		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Penta-Furans	LPX-SD-4510-0024-0025	30402-15-4	3278.74		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Penta-Dioxins	LPX-SD-4510-0024-0025	36088-22-9	129.81		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Hexa-Furans	LPX-SD-4510-0024-0025	55684-94-1	3998.86		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Hexa-Dioxins	LPX-SD-4510-0024-0025	34465-46-8	633.23		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Hepta-Furans	LPX-SD-4510-0024-0025	38998-75-3	3558.84		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	Total Hepta-Dioxins	LPX-SD-4510-0024-0025	37871-00-4	1571.50		PG/G_DRYWT		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4510-0024-0025	76523-40-5	83		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4510-0024-0025	109719-79-1	82		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4510-0024-0025	109719-80-4	94		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4510-0024-0025	109719-81-5	93		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4510-0024-0025	109719-83-7	100		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-OCDD	LPX-SD-4510-0024-0025	114423-97-1	95		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4510-0024-0025	89059-46-1	85	#	PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4510-0024-0025	109719-77-9	101		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4510-0024-0025	116843-02-8	95		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4510-0024-0025	114423-98-2	98		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4510-0024-0025	116843-03-9	98		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4510-0024-0025	116843-04-0	88		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4510-0024-0025	116843-05-1	93		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4510-0024-0025	116843-09-5	97		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4510-0024-0025	109719-94-0	93		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05
LPX-SD-4510-0024-0025	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4510-0024-0025	85508-50-5	93		PCT_REC		49715-02	BCO	50971-02-16	8-Apr-05	21-Apr-05

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SAMPLE	ANAL DATE	METHOD	MDL										
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	3.08	4.02		4	1.73	Login ID = 50026-81-07	3	N	8.14	U	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	6.20	20.08		4	1.73	Login ID = 50026-81-07	3	N	19.14		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	12.94	20.08		4	1.73	Login ID = 50026-81-07	3	N	24.48		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	12.41	20.08		4	1.73	Login ID = 50026-81-07	3	N	54.60		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	11.45	20.08		4	1.73	Login ID = 50026-81-07	3	N	89.47		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	25.59	20.08		4	1.73	Login ID = 50026-81-07	3	N	781.30		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	77.85	40.16		4	1.73	Login ID = 50026-81-07	3	N	3295.59		
LPX-SD-4510-0024-0025	17-May-05	MOD 1613B	7.98	4.02		4	1.73	Login ID = 50026-81-07	3	N	36.14	#	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	91.94	20.08		4	1.73	Login ID = 50026-81-07	3	N	62.91	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	86.72	20.08		4	1.73	Login ID = 50026-81-07	3	N	48.17	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	44.86	20.08		4	1.73	Login ID = 50026-81-07	3	N	263.66		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	42.72	20.08		4	1.73	Login ID = 50026-81-07	3	N	325.48		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	57.28	20.08		4	1.73	Login ID = 50026-81-07	3	N	18.09	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	47.58	20.08		4	1.73	Login ID = 50026-81-07	3	N	85.84		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	26.48	20.08		4	1.73	Login ID = 50026-81-07	3	N	2050.62		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	29.16	20.08		4	1.73	Login ID = 50026-81-07	3	N	176.08		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	76.82	40.16		4	1.73	Login ID = 50026-81-07	3	N	3281.59		
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	2.65	4.02		4	1.73	Login ID = 50026-81-07	3	N	605.11	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	3.08	4.02		4	1.73	Login ID = 50026-81-07	3	N	21.41	UJ	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	89.34	20.08		4	1.73	Login ID = 50026-81-07	3	N	3278.74	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	6.20	20.08		4	1.73	Login ID = 50026-81-07	3	N	129.81	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	47.57	20.08		4	1.73	Login ID = 50026-81-07	3	N	3998.86	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	12.24	20.08		4	1.73	Login ID = 50026-81-07	3	N	633.23	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	27.72	20.08		4	1.73	Login ID = 50026-81-07	3	N	3558.84	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B	25.59	20.08		4	1.73	Login ID = 50026-81-07	3	N	1571.50	J	
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	17-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			
LPX-SD-4510-0024-0025	11-May-05	MOD 1613B				4	1.73	Login ID = 50026-81-07	3	N			

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LPX-SD-4205-0000-0050	DIOXIN	2,3,7,8-TCDD	LPX-SD-4205-0000-0050	1746-01-6	5772.72	D	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4205-0000-0050	40321-76-4	12.29		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4205-0000-0050	39227-28-6	19.72		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4205-0000-0050	57653-85-7	52.13		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4205-0000-0050	19408-74-3	49.34		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4205-0000-0050	35822-46-9	1314.41		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	OCDD	LPX-SD-4205-0000-0050	3268-87-9	9925.45		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	2,3,7,8-TCDF	LPX-SD-4205-0000-0050	51207-31-9	23.43	D#	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4205-0000-0050	57117-41-6	8.49	J	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4205-0000-0050	57117-31-4	14.38	J	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4205-0000-0050	70648-26-9	39.81		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4205-0000-0050	57117-44-9	33.07		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4205-0000-0050	72918-21-9	1.27	J	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4205-0000-0050	60851-34-5	18.94		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4205-0000-0050	67562-39-4	422.86		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4205-0000-0050	55673-89-7	22.08	J	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	OCDF	LPX-SD-4205-0000-0050	39001-02-0	789.21		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Tetra-Furans	LPX-SD-4205-0000-0050	55722-27-5	258.99		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Tetra-Dioxins	LPX-SD-4205-0000-0050	41903-57-5	5881.31	D	PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Penta-Furans	LPX-SD-4205-0000-0050	30402-15-4	591.59		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Penta-Dioxins	LPX-SD-4205-0000-0050	36088-22-9	91.63		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Hexa-Furans	LPX-SD-4205-0000-0050	55684-94-1	690.92		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Hexa-Dioxins	LPX-SD-4205-0000-0050	34465-46-8	369.16		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Hepta-Furans	LPX-SD-4205-0000-0050	38998-75-3	913.60		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	Total Hepta-Dioxins	LPX-SD-4205-0000-0050	37871-00-4	2549.70		PG/G_DRYWT		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4205-0000-0050	76523-40-5	81	D	PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4205-0000-0050	109719-79-1	93		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4205-0000-0050	109719-80-4	85		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4205-0000-0050	109719-81-5	94		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4205-0000-0050	109719-83-7	93		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-OCDD	LPX-SD-4205-0000-0050	114423-97-1	97		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4205-0000-0050	89059-46-1	77	D#	PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4205-0000-0050	109719-77-9	93		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4205-0000-0050	116843-02-8	94		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4205-0000-0050	114423-98-2	78		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4205-0000-0050	116843-03-9	81		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4205-0000-0050	116843-04-0	83		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4205-0000-0050	116843-05-1	80		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4205-0000-0050	116843-09-5	92		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4205-0000-0050	109719-94-0	90		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05
LPX-SD-4205-0000-0050	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4205-0000-0050	85508-50-5	123		PCT_REC		49715-02	BCO	50971-02-17	8-Apr-05	21-Apr-05

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SAMPLE	ANALYSIS DATE	METHOD											
LPX-SD-4205-0000-0050	13-May-05	MOD 1613B	3.05	9.61		6	68.98	Login ID = 50026-81-09	3	N	5772.72		1:6 DILUTION
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.51	8.01		1	68.98	Login ID = 50026-81-09	3	N	12.29		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.73	8.01		1	68.98	Login ID = 50026-81-09	3	N	19.72		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.52	8.01		1	68.98	Login ID = 50026-81-09	3	N	52.13		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.46	8.01		1	68.98	Login ID = 50026-81-09	3	N	49.34		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.95	8.01		1	68.98	Login ID = 50026-81-09	3	N	1314.41		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	2.26	16.02		1	68.98	Login ID = 50026-81-09	3	N	9925.45		
LPX-SD-4205-0000-0050	17-May-05	MOD 1613B	13.69	9.61		6	68.98	Login ID = 50026-81-09	3	N	23.43	#	1:6 DILUTION
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	22.13	8.01		1	68.98	Login ID = 50026-81-09	3	N	8.49	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	18.76	8.01		1	68.98	Login ID = 50026-81-09	3	N	14.38	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	7.42	8.01		1	68.98	Login ID = 50026-81-09	3	N	39.81		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	7.40	8.01		1	68.98	Login ID = 50026-81-09	3	N	33.07		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	7.76	8.01		1	68.98	Login ID = 50026-81-09	3	N	1.27	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	9.05	8.01		1	68.98	Login ID = 50026-81-09	3	N	18.94		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	44.27	8.01		1	68.98	Login ID = 50026-81-09	3	N	422.86		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	52.15	8.01		1	68.98	Login ID = 50026-81-09	3	N	22.08	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	2.20	16.02		1	68.98	Login ID = 50026-81-09	3	N	789.21		
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	0.69	1.60		1	68.98	Login ID = 50026-81-09	3	N	258.99	J	
LPX-SD-4205-0000-0050	13-May-05	MOD 1613B	3.05	9.61		6	68.98	Login ID = 50026-81-09	3	N	5881.31	J	1:6 DILUTION
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	20.41	8.01		1	68.98	Login ID = 50026-81-09	3	N	591.59	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.51	8.01		1	68.98	Login ID = 50026-81-09	3	N	91.63	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	7.89	8.01		1	68.98	Login ID = 50026-81-09	3	N	690.92	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.56	8.01		1	68.98	Login ID = 50026-81-09	3	N	369.16	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	47.94	8.01		1	68.98	Login ID = 50026-81-09	3	N	913.60	J	
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B	1.95	8.01		1	68.98	Login ID = 50026-81-09	3	N	2549.70	J	
LPX-SD-4205-0000-0050	13-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	17-May-05	MOD 1613B				6	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			
LPX-SD-4205-0000-0050	10-May-05	MOD 1613B				1	68.98	Login ID = 50026-81-09	3	N			

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LPX-SD-4204-0110-0120	DIOXIN	2,3,7,8-TCDD	LPX-SD-4204-0110-0120	1746-01-6	70.16		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4204-0110-0120	40321-76-4	7.51		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4204-0110-0120	39227-28-6	6.52		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4204-0110-0120	57653-85-7	20.97		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4204-0110-0120	19408-74-3	20.96		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4204-0110-0120	35822-46-9	254.42		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	OCDD	LPX-SD-4204-0110-0120	3268-87-9	1193.86		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	2,3,7,8-TCDF	LPX-SD-4204-0110-0120	51207-31-9	87.51	E	PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4204-0110-0120	57117-41-6	100.50		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4204-0110-0120	57117-31-4	46.75	J	PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4204-0110-0120	70648-26-9	248.37		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4204-0110-0120	57117-44-9	327.66		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4204-0110-0120	72918-21-9	12.83	J	PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4204-0110-0120	60851-34-5	67.30		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4204-0110-0120	67562-39-4	2120.88		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4204-0110-0120	55673-89-7	87.68		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	OCDF	LPX-SD-4204-0110-0120	39001-02-0	1639.72		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Tetra-Furans	LPX-SD-4204-0110-0120	55722-27-5	433.46		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Tetra-Dioxins	LPX-SD-4204-0110-0120	41903-57-5	84.04		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Penta-Furans	LPX-SD-4204-0110-0120	30402-15-4	1787.43		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Penta-Dioxins	LPX-SD-4204-0110-0120	36088-22-9	77.64		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Hexa-Furans	LPX-SD-4204-0110-0120	55684-94-1	2872.59		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Hexa-Dioxins	LPX-SD-4204-0110-0120	34465-46-8	209.84		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Hepta-Furans	LPX-SD-4204-0110-0120	38998-75-3	3354.80		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	Total Hepta-Dioxins	LPX-SD-4204-0110-0120	37871-00-4	489.79		PG/G_DRYWT		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4204-0110-0120	76523-40-5	80		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4204-0110-0120	109719-79-1	83		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4204-0110-0120	109719-80-4	82		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4204-0110-0120	109719-81-5	87		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4204-0110-0120	109719-83-7	88		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-OCDD	LPX-SD-4204-0110-0120	114423-97-1	94		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4204-0110-0120	89059-46-1	79		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4204-0110-0120	109719-77-9	80		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4204-0110-0120	116843-02-8	79		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4204-0110-0120	114423-98-2	73		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4204-0110-0120	116843-03-9	75		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4204-0110-0120	116843-04-0	74		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4204-0110-0120	116843-05-1	75		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4204-0110-0120	116843-09-5	82		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4204-0110-0120	109719-94-0	84		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05
LPX-SD-4204-0110-0120	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4204-0110-0120	85508-50-5	90		PCT_REC		49715-02	BCO	50971-02-18	8-Apr-05	21-Apr-05

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SAMPLE	ANAL_DATE	METHOD	MDL	RDL	GRD	GRD_PCT	BAS	DF	LOGIN	INJ	RESULT	LAB_QUAL	QA_DOCUMENT
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.59	1.00		1	0.43	Login ID = 50026-81-11	3	N	70.16		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.84	5.02		1	0.43	Login ID = 50026-81-11	3	N	7.51		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.58	5.02		1	0.43	Login ID = 50026-81-11	3	N	6.52		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.55	5.02		1	0.43	Login ID = 50026-81-11	3	N	20.97		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.51	5.02		1	0.43	Login ID = 50026-81-11	3	N	20.96		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.60	5.02		1	0.43	Login ID = 50026-81-11	3	N	254.42		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	1.14	10.03		1	0.43	Login ID = 50026-81-11	3	N	1193.86		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.56	1.00		1	0.43	Login ID = 50026-81-11	3	N	87.51	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	57.95	5.02		1	0.43	Login ID = 50026-81-11	3	N	100.50		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	51.84	5.02		1	0.43	Login ID = 50026-81-11	3	N	46.75	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	22.27	5.02		1	0.43	Login ID = 50026-81-11	3	N	248.37		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	21.19	5.02		1	0.43	Login ID = 50026-81-11	3	N	327.66		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	23.60	5.02		1	0.43	Login ID = 50026-81-11	3	N	12.83	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	21.77	5.02		1	0.43	Login ID = 50026-81-11	3	N	67.30		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	15.17	5.02		1	0.43	Login ID = 50026-81-11	3	N	2120.88		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	17.03	5.02		1	0.43	Login ID = 50026-81-11	3	N	87.68		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.64	10.03		1	0.43	Login ID = 50026-81-11	3	N	1639.72		
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.56	1.00		1	0.43	Login ID = 50026-81-11	3	N	433.46	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.59	1.00		1	0.43	Login ID = 50026-81-11	3	N	84.04	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	54.88	5.02		1	0.43	Login ID = 50026-81-11	3	N	1787.43	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.84	5.02		1	0.43	Login ID = 50026-81-11	3	N	77.64	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	22.16	5.02		1	0.43	Login ID = 50026-81-11	3	N	2872.59	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.55	5.02		1	0.43	Login ID = 50026-81-11	3	N	209.84	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	16.06	5.02		1	0.43	Login ID = 50026-81-11	3	N	3354.80	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B	0.60	5.02		1	0.43	Login ID = 50026-81-11	3	N	489.79	J	
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			
LPX-SD-4204-0110-0120	10-May-05	MOD 1613B				1	0.43	Login ID = 50026-81-11	3	N			

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LPX-SD-4205-0130-0140	DIOXIN	2,3,7,8-TCDD	LPX-SD-4205-0130-0140	1746-01-6	19084.33	D	PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4205-0130-0140	40321-76-4	15.96		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4205-0130-0140	39227-28-6	17.89		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4205-0130-0140	57653-85-7	57.42		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4205-0130-0140	19408-74-3	46.58		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4205-0130-0140	35822-46-9	1309.95		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	OCDD	LPX-SD-4205-0130-0140	3268-87-9	9538.06		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	2,3,7,8-TCDF	LPX-SD-4205-0130-0140	51207-31-9	37.39	#	PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4205-0130-0140	57117-41-6	10.52	J	PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4205-0130-0140	57117-31-4	19.99	J	PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4205-0130-0140	70648-26-9	56.05		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4205-0130-0140	57117-44-9	43.00		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4205-0130-0140	72918-21-9	1.31	J	PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4205-0130-0140	60851-34-5	25.71		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4205-0130-0140	67562-39-4	482.98		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4205-0130-0140	55673-89-7	20.70		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	OCDF	LPX-SD-4205-0130-0140	39001-02-0	640.03		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Tetra-Furans	LPX-SD-4205-0130-0140	55722-27-5	397.45		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Tetra-Dioxins	LPX-SD-4205-0130-0140	41903-57-5	19352.11	D	PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Penta-Furans	LPX-SD-4205-0130-0140	30402-15-4	969.54		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Penta-Dioxins	LPX-SD-4205-0130-0140	36088-22-9	127.60		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Hexa-Furans	LPX-SD-4205-0130-0140	55684-94-1	931.77		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Hexa-Dioxins	LPX-SD-4205-0130-0140	34465-46-8	421.41		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Hepta-Furans	LPX-SD-4205-0130-0140	38998-75-3	984.93		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	Total Hepta-Dioxins	LPX-SD-4205-0130-0140	37871-00-4	2480.18		PG/G_DRYWT	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4205-0130-0140	76523-40-5	62	D	PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4205-0130-0140	109719-79-1	81		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4205-0130-0140	109719-80-4	86		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4205-0130-0140	109719-81-5	88		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4205-0130-0140	109719-83-7	90		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-OCDD	LPX-SD-4205-0130-0140	114423-97-1	105		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4205-0130-0140	89059-46-1	50	#	PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4205-0130-0140	109719-77-9	81		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4205-0130-0140	116843-02-8	79		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4205-0130-0140	114423-98-2	71		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4205-0130-0140	116843-03-9	74		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4205-0130-0140	116843-04-0	78		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4205-0130-0140	116843-05-1	74		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4205-0130-0140	116843-09-5	85		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4205-0130-0140	109719-94-0	83		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05
LPX-SD-4205-0130-0140	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4205-0130-0140	85508-50-5	144		PCT_REC	49715-02	BCO	50971-02-19	8-Apr-05	21-Apr-05

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LPX-SD-4205-0130-0140	13-May-05	MOD 1613B	5.95	14.56		10	65.66	Login ID = 50026-81-12	3	N	19084.33		1:10 DILUTION
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	1.28	7.28		1	65.66	Login ID = 50026-81-12	3	N	15.96		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	1.14	7.28		1	65.66	Login ID = 50026-81-12	3	N	17.89		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	1.02	7.28		1	65.66	Login ID = 50026-81-12	3	N	57.42		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	0.97	7.28		1	65.66	Login ID = 50026-81-12	3	N	46.58		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	0.89	7.28		1	65.66	Login ID = 50026-81-12	3	N	1309.95		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	0.94	14.56		1	65.66	Login ID = 50026-81-12	3	N	9538.06		
LPX-SD-4205-0130-0140	17-May-05	MOD 1613B	4.39	1.46		1	65.66	Login ID = 50026-81-12	3	N	37.39	#	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	25.58	7.28		1	65.66	Login ID = 50026-81-12	3	N	10.52	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	23.39	7.28		1	65.66	Login ID = 50026-81-12	3	N	19.99	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	8.07	7.28		1	65.66	Login ID = 50026-81-12	3	N	56.05		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	8.07	7.28		1	65.66	Login ID = 50026-81-12	3	N	43.00		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	7.78	7.28		1	65.66	Login ID = 50026-81-12	3	N	1.31	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	9.73	7.28		1	65.66	Login ID = 50026-81-12	3	N	25.71		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	4.63	7.28		1	65.66	Login ID = 50026-81-12	3	N	482.98		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	5.37	7.28		1	65.66	Login ID = 50026-81-12	3	N	20.70		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	1.04	14.56		1	65.66	Login ID = 50026-81-12	3	N	640.03		
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	0.92	1.46		1	65.66	Login ID = 50026-81-12	3	N	397.45	J	
LPX-SD-4205-0130-0140	13-May-05	MOD 1613B	5.95	14.56		10	65.66	Login ID = 50026-81-12	3	N	19352.11	J	1:10 DILUTION
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	24.48	7.28		1	65.66	Login ID = 50026-81-12	3	N	969.54	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	1.28	7.28		1	65.66	Login ID = 50026-81-12	3	N	127.60	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	8.41	7.28		1	65.66	Login ID = 50026-81-12	3	N	931.77	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	1.04	7.28		1	65.66	Login ID = 50026-81-12	3	N	421.41	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	4.97	7.28		1	65.66	Login ID = 50026-81-12	3	N	984.93	J	
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B	0.89	7.28		1	65.66	Login ID = 50026-81-12	3	N	2480.18	J	
LPX-SD-4205-0130-0140	13-May-05	MOD 1613B				10	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	17-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			
LPX-SD-4205-0130-0140	10-May-05	MOD 1613B				1	65.66	Login ID = 50026-81-12	3	N			

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LPX-SD-4506-0000-0005 MS	DIOXIN	2,3,7,8-TCDD	LPX-SD-4506-0000-0005 MS	1746-01-6	0	-	PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4506-0000-0005 MS	40321-76-4	98		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4506-0000-0005 MS	39227-28-6	95		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4506-0000-0005 MS	57653-85-7	94		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4506-0000-0005 MS	19408-74-3	95		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0000-0005 MS	35822-46-9	127	-	PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	OCDD	LPX-SD-4506-0000-0005 MS	3268-87-9	225	-	PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	2,3,7,8-TCDF	LPX-SD-4506-0000-0005 MS	51207-31-9	94		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4506-0000-0005 MS	57117-41-6	95		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4506-0000-0005 MS	57117-31-4	101		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4506-0000-0005 MS	70648-26-9	98		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MS	57117-44-9	99		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4506-0000-0005 MS	72918-21-9	100		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MS	60851-34-5	102		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0000-0005 MS	67562-39-4	100		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0000-0005 MS	55673-89-7	92		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	OCDF	LPX-SD-4506-0000-0005 MS	39001-02-0	98		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4506-0000-0005 MS	76523-40-5	70		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4506-0000-0005 MS	109719-79-1	82		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4506-0000-0005 MS	109719-80-4	82		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4506-0000-0005 MS	109719-81-5	88		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0000-0005 MS	109719-83-7	83		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-OCDD	LPX-SD-4506-0000-0005 MS	114423-97-1	96		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4506-0000-0005 MS	89059-46-1	48		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4506-0000-0005 MS	109719-77-9	79		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4506-0000-0005 MS	116843-02-8	74		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4506-0000-0005 MS	114423-98-2	72		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MS	116843-03-9	74		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4506-0000-0005 MS	116843-04-0	75		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MS	116843-05-1	74		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0000-0005 MS	116843-09-5	79		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0000-0005 MS	109719-94-0	80		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MS	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4506-0000-0005 MS	85508-50-5	104		PCT_REC		49715-02	BCO	50971-02-20	8-Apr-05	21-Apr-05

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LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	0.84	1.44		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	1.16	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	3.22	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	2.84	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	2.73	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	0.80	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	1.51	14.41		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	2.76	1.44		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	14.52	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	13.33	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	4.16	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	3.93	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	4.23	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	4.10	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	5.51	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	6.30	7.21		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B	1.21	14.41		1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			
LPX-SD-4506-0000-0005 MS	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MS			

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LPX-SD-4506-0000-0005 MSD	DIOXIN	2,3,7,8-TCDD	LPX-SD-4506-0000-0005 MSD	1746-01-6	0	~	PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4506-0000-0005 MSD	40321-76-4	99		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4506-0000-0005 MSD	39227-28-6	98		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4506-0000-0005 MSD	57653-85-7	97		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4506-0000-0005 MSD	19408-74-3	100		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0000-0005 MSD	35822-46-9	114		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	OCDD	LPX-SD-4506-0000-0005 MSD	3268-87-9	120		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	2,3,7,8-TCDF	LPX-SD-4506-0000-0005 MSD	51207-31-9	94		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4506-0000-0005 MSD	57117-41-6	97		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4506-0000-0005 MSD	57117-31-4	100		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4506-0000-0005 MSD	70648-26-9	101		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MSD	57117-44-9	98		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4506-0000-0005 MSD	72918-21-9	99		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MSD	60851-34-5	100		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0000-0005 MSD	67562-39-4	99		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0000-0005 MSD	55673-89-7	90		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	OCDF	LPX-SD-4506-0000-0005 MSD	39001-02-0	93		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4506-0000-0005 MSD	76523-40-5	72		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4506-0000-0005 MSD	109719-79-1	83		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4506-0000-0005 MSD	109719-80-4	79		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4506-0000-0005 MSD	109719-81-5	90		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4506-0000-0005 MSD	109719-83-7	84		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-OCDD	LPX-SD-4506-0000-0005 MSD	114423-97-1	101		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4506-0000-0005 MSD	89059-46-1	49		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4506-0000-0005 MSD	109719-77-9	79		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4506-0000-0005 MSD	116843-02-8	77		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4506-0000-0005 MSD	114423-98-2	72		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MSD	116843-03-9	75		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4506-0000-0005 MSD	116843-04-0	78		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4506-0000-0005 MSD	116843-05-1	75		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4506-0000-0005 MSD	116843-09-5	79		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4506-0000-0005 MSD	109719-94-0	81		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05
LPX-SD-4506-0000-0005 MSD	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4506-0000-0005 MSD	85508-50-5	98		PCT_REC		49715-02	BCO	50971-02-21	8-Apr-05	21-Apr-05

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LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	0.78	1.44		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	1.00	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	1.65	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	1.45	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	1.39	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	0.97	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	1.35	14.42		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	0.52	1.44		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	10.94	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	9.75	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	4.73	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	4.68	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	4.85	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	5.18	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	6.77	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	7.57	7.21		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B	0.88	14.42		1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			
LPX-SD-4506-0000-0005 MSD	10-May-05	MOD 1613B				1	65.74	Login ID = 50026-80-17	3	MSD			

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50971-02-22	DIOXIN	2,3,7,8-TCDD	50971-02-22	1746-01-6	3.0		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,7,8-PeCDD	50971-02-22	40321-76-4	6.7		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,4,7,8-HxCDD	50971-02-22	39227-28-6	23.2		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,6,7,8-HxCDD	50971-02-22	57653-85-7	12.1		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,7,8,9-HxCDD	50971-02-22	19408-74-3	5.9		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,4,6,7,8-HpCDD	50971-02-22	35822-46-9	4.3		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	OCDD	50971-02-22	3268-87-9	5.9		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	2,3,7,8-TCDF	50971-02-22	51207-31-9	2.9		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,7,8-PeCDF	50971-02-22	57117-41-6	1.3		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	2,3,4,7,8-PeCDF	50971-02-22	57117-31-4	0.2		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,4,7,8-HxCDF	50971-02-22	70648-26-9	2.6		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,6,7,8-HxCDF	50971-02-22	57117-44-9	6.1		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,7,8,9-HxCDF	50971-02-22	72918-21-9	87.3	~	PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	2,3,4,6,7,8-HxCDF	50971-02-22	60851-34-5	24.7		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,4,6,7,8-HpCDF	50971-02-22	67562-39-4	4.2		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	1,2,3,4,7,8,9-HpCDF	50971-02-22	55673-89-7	9.9		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	OCDF	50971-02-22	39001-02-0	11.6		PCT_DIFF		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-2,3,7,8-TCDD	50971-02-22	76523-40-5	73		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,7,8-PeCDD	50971-02-22	109719-79-1	78		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,4,7,8-HxCDD	50971-02-22	109719-80-4	76		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,6,7,8-HxCDD	50971-02-22	109719-81-5	86		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	50971-02-22	109719-83-7	85		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-OCDD	50971-02-22	114423-97-1	101		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-2,3,7,8-TCDF	50971-02-22	89059-46-1	55		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,7,8-PeCDF	50971-02-22	109719-77-9	74		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-2,3,4,7,8-PeCDF	50971-02-22	116843-02-8	75		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,4,7,8-HxCDF	50971-02-22	114423-98-2	69		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,6,7,8-HxCDF	50971-02-22	116843-03-9	70		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,7,8,9-HxCDF	50971-02-22	116843-04-0	72		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-2,3,4,6,7,8-HxCDF	50971-02-22	116843-05-1	68		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	50971-02-22	116843-09-5	80		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	50971-02-22	109719-94-0	84		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05
50971-02-22	DIOXIN	37Cl-2,3,7,8-TCDD	50971-02-22	85508-50-5	90		PCT_REC		49715-02	BCO	50971-02-22		21-Apr-05

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SAMPLE	ANALYDATE	METHOD	MDL	IDL	CORR	CRQ	DL	RCRA	QC						ADJUSTMENT
50971-02-22	11-May-05	MOD 1613B	0.23	0.51			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	0.75	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	2.31	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	1.97	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	1.92	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	5.42	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	18.31	5.12			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	0.26	0.51			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	14.63	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	12.84	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	12.92	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	13.08	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	13.70	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	14.98	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	68.02	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	71.45	2.56			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B	0.59	5.12			1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				
50971-02-22	11-May-05	MOD 1613B					1	2.93	Login ID = 50095-55-05	3	SRM				

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50971-02-23	DIOXIN	2,3,7,8-TCDD	50971-02-23	1746-01-6	129	&	PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,7,8-PeCDD	50971-02-23	40321-76-4	96		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,4,7,8-HxCDD	50971-02-23	39227-28-6	96		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,6,7,8-HxCDD	50971-02-23	57653-85-7	95		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,7,8,9-HxCDD	50971-02-23	19408-74-3	95		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,4,6,7,8-HpCDD	50971-02-23	35822-46-9	92		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	OCDD	50971-02-23	3268-87-9	100		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	2,3,7,8-TCDF	50971-02-23	51207-31-9	95		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,7,8-PeCDF	50971-02-23	57117-41-6	96		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	2,3,4,7,8-PeCDF	50971-02-23	57117-31-4	100		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,4,7,8-HxCDF	50971-02-23	70648-26-9	99		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,6,7,8-HxCDF	50971-02-23	57117-44-9	99		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,7,8,9-HxCDF	50971-02-23	72918-21-9	96		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	2,3,4,6,7,8-HxCDF	50971-02-23	60851-34-5	96		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,4,6,7,8-HpCDF	50971-02-23	67562-39-4	91		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	1,2,3,4,7,8,9-HpCDF	50971-02-23	55673-89-7	94		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	OCDF	50971-02-23	39001-02-0	95		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-2,3,7,8-TCDD	50971-02-23	76523-40-5	58		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,7,8-PeCDD	50971-02-23	109719-79-1	76		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,4,7,8-HxCDD	50971-02-23	109719-80-4	77		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,6,7,8-HxCDD	50971-02-23	109719-81-5	84		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	50971-02-23	109719-83-7	81		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-OCDD	50971-02-23	114423-97-1	85		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-2,3,7,8-TCDF	50971-02-23	89059-46-1	54		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,7,8-PeCDF	50971-02-23	109719-77-9	67		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-2,3,4,7,8-PeCDF	50971-02-23	116843-02-8	71		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,4,7,8-HxCDF	50971-02-23	114423-98-2	66		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,6,7,8-HxCDF	50971-02-23	116843-03-9	69		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,7,8,9-HxCDF	50971-02-23	116843-04-0	69		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-2,3,4,6,7,8-HxCDF	50971-02-23	116843-05-1	69		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	50971-02-23	116843-09-5	73		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	50971-02-23	109719-94-0	78		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05
50971-02-23	DIOXIN	37Cl-2,3,7,8-TCDD	50971-02-23	85508-50-5	83		PCT_REC		49715-02	BCO	50971-02-23	21-Apr-05

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50971-02-23	11-May-05	MOD 1613B	0.27	0.50		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.25	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.26	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.24	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.23	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.45	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	7.54	4.99		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.18	0.50		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.22	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.19	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.24	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.23	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.25	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.23	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	1.34	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	1.41	2.49		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B	0.49	4.99		1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-02-23	11-May-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			

DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 50971-11

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Dioxin/Furan by High Resolution Mass Spectrometry (HRMS)

LABORATORY: Battelle, Columbus, OH

MATRIX: Sediment

SAMPLE CUSTODY: Thirty-seven sediment samples were received at Battelle Columbus on April 8, 2005 for the Lyman Mill Pond site and five samples from the Manton Pond site were received on April 13, 2005. Samples were received in good condition and the cooler temperatures upon receipt were 6.1°C and 2.9°C, respectively. Fourteen of the sediments were processed in QC Batch 50971-11. The remaining sediments will be reported separately.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL (pg/g dry)	Project Goals [c] (pg/g dry)
Dioxin/ Furan/	L-23 Battelle SOP ASAT.II-001-02	<5× MDL, or associated samples > 5x blank values (> 10x blank values for OCDD and OCDF)	25-150% Recovery	*LCS:* Method 1613B, Table 6 OPR[a] *MS: MS:* 50-120% Recovery [b]	≤30% PD[b]	≤30% RPD[b, d]	Tetras: 0.06 – 55.01 Penta-Hepta: 0.07 – 142.22 Octas: 0.11 – 411.77	Tetras: 0.008 – 0.587 Penta-Hepta: 0.008 – 2,050 Octas: 4,670-137,000

[a] Method 1613B, Table 6 OPR requirements documented on LCS summary report table.

[b] Certified values must be >5× the MDL.

[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) following general procedures in EPA Method 1613 as outlined in the Centredale Manor Restoration Tasks 19-22 QAPP (May 2005).

Sample Preparation – Fourteen of the 42 samples (37 from Lyman Mill and 5 from Manton) were processed in BATCH 50971-11. Samples were centrifuged prior to extraction and analysis to achieve a minimum dry weight of 30%. 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 fourteen samples plus five QC samples were prepared for PCDD/PCDF. The sediment/Hydromatrix mixtures were 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 at this time. The sediment /Hydromatrix mixtures were placed into Accelerated Solvent Extraction (ASE) cells.

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METHOD: (cont)

The samples were ASE extracted using methylene chloride. Each extract went through gel permeation chromatography (GPC) cleanup then was spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was then processed through acid/base silica 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 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, or equivalent, column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF and a DB225 column was used for second column confirmation of 2,3,7,8-TCDF.

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

1. Quality control samples processed with this batch of samples included one method blank, one LCS (OPR), one sediment standard reference material, one matrix spike, and one matrix spike duplicate.

2. The GC/HRMS instrumentation was calibrated for PCDD/PCDF at levels specified in Method 1613 with two additional calibration standards at concentrations equivalent to $^1/_{10}$ and ½ the level of Method 1613's lowest calibration point. The CS-0.5 is used to calculate the reporting limit and the CS-0.1 is used mainly as a sensitivity check. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 5.2690 g and a final sample volume of 20 µL: 0.95 to 760 pg/g dry for tetra compounds, 4.74 to 3,800 pg/g dry for penta through hepta compounds, and 9.49 to 7,590 pg/g dry for octa compounds.

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

The ending CS-3 calibration verification did not acquire after the last sample on analysis day 04/29/2005 due to an instrument lockmass malfunction. The following morning, prior to any instrumental changes, another injection of the CS-3 standard was made and met the project criteria (see the email in the HRMS section of the data package). The only samples from this batch affected are LPX-SD-4503-0000-0005, LPX-SD-4503-0012-0013, LPX-SD-4502-0000-0005, LPX-SD-4504-0012-0013 and LPX-SD-4505-0000-0005.

Samples LPX-SD-4503-0012-0013, LPX-SD-4505-0000-0005 and LPX-SD-4508-0000-0005 were found to have poor chromatography in the initial analysis. These three samples were diluted and re-analyzed to improve chromatography.

Upon initial analysis it was found that 2,3,7,8-TCDD was above the level of the calibration curve in samples LPX-SD-4503-0000-0005, LPX-SD-4503-0012-0013, LPX-SD-4502-0000-0005, LPX-SD-4504-0012-0013, LPX-SD-4510-0000-0005 and LPX-SD-4204-0000-0050; therefore, these samples were diluted and re-analyzed. The results for 2,3,7,8-TCDD for these samples are reported from the dilution analyses.

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 50971-11

HOLDING TIMES: Samples were prepared for analysis in one analytical batch. Samples were extracted within 7 days of receipt at the laboratory and completely analyzed within 4 weeks of extraction.

Batch	Extraction Date	Analysis Date
50971-11	04/15/2005	04/29-05/17/2005
		05/13-05/19/2005 (confirms)

DETECTION LIMITS: Dioxin/furan 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 CS-0.5 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 5.5-g dry

Achieved RLs did not meet project detection limit goals for some 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.

Analyte peaks which did not meet all identification criteria are reported as estimated maximum possible concentrations (EMPC) and flagged "K".

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

50971-11– All of the analytes were detected at a trace level; however, the levels detected were below the reporting level.

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

50971-11 – No exceedances.

The LCS sample met the criteria found in Table 6 of Method 1613, Revision B for PCDD/PCDF.

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 50971-11

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.

50971-11 – No exceedances.

For PCDD/PCDF, the matrix spike and matrix spike duplicate recoveries for analytes spiked >5x backgrounds were within the 50-120% limits. The RPD between duplicates for PCDD/PCDF analytes >5x background ranged from 1 - 7%.

INTERNAL STANDARDS:

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

50971-11 – 1 exceedance.

Recoveries of internal standards were within 25-150% for most analytes in all samples. One sample (LPX-SD-4510-0000-0005) had high recovery for the cleanup standard ($^{37}Cl_4$-2,3,7,8-TCDD) due to contribution from the high concentration of 2,3,7,8-TCDD found in the sample.

SRM:

A standard reference material (Wellington DX-2) 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.

50971-11 – No exceedances.

All certified analytes were found to be within the limit of 30% difference from certified values and all informational analytes were found to be within 30% difference limit from the informational values except for 1,2,3,7,8,9-HxCDF. The value for 1,2,3,7,8,9-HxCDF was within the informational value range.

REFERENCES:

Battelle 2005. *Centredale Manor Restoration Tasks 19-22 QAPP*. Tasks 19-22 QAPP prepared under contract to USACE NAE. May 2005.

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
50971-11-20	DIOXIN	2,3,7,8-TCDD	50971-11-20	1746-01-6	0.79		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,7,8-PeCDD	50971-11-20	40321-76-4	0.93		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,4,7,8-HxCDD	50971-11-20	39227-28-6	1.07		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,6,7,8-HxCDD	50971-11-20	57653-85-7	1.11		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,7,8,9-HxCDD	50971-11-20	19408-74-3	1.21		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,4,6,7,8-HpCDD	50971-11-20	35822-46-9	1.21	K	PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	OCDD	50971-11-20	3268-87-9	3.82		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	2,3,7,8-TCDF	50971-11-20	51207-31-9	0.39	#	PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,7,8-PeCDF	50971-11-20	57117-41-6	1.14		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	2,3,4,7,8-PeCDF	50971-11-20	57117-31-4	1.07		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,4,7,8-HxCDF	50971-11-20	70648-26-9	1.14		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,6,7,8-HxCDF	50971-11-20	57117-44-9	0.93		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,7,8,9-HxCDF	50971-11-20	72918-21-9	1.06		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	2,3,4,6,7,8-HxCDF	50971-11-20	60851-34-5	0.99		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,4,6,7,8-HpCDF	50971-11-20	67562-39-4	1.12		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	1,2,3,4,7,8,9-HpCDF	50971-11-20	55673-89-7	1.25		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	OCDF	50971-11-20	39001-02-0	2.86		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Tetra-Furans	50971-11-20	55722-27-5	0.23		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Tetra-Dioxins	50971-11-20	41903-57-5	0.79		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Penta-Furans	50971-11-20	30402-15-4	2.21		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Penta-Dioxins	50971-11-20	36088-22-9	1.44		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Hexa-Furans	50971-11-20	55684-94-1	4.12		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Hexa-Dioxins	50971-11-20	34465-46-8	3.39		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Hepta-Furans	50971-11-20	38998-75-3	2.57		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	Total Hepta-Dioxins	50971-11-20	37871-00-4	1.21		PG/G_DRYWT		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-2,3,7,8-TCDD	50971-11-20	76523-40-5	69		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,7,8-PeCDD	50971-11-20	109719-79-1	84		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,4,7,8-HxCDD	50971-11-20	109719-80-4	72		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,6,7,8-HxCDD	50971-11-20	109719-81-5	67		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	50971-11-20	109719-83-7	84		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-OCDD	50971-11-20	114423-97-1	86		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-2,3,7,8-TCDF	50971-11-20	89059-46-1	76	#	PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,7,8-PeCDF	50971-11-20	109719-77-9	86		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-2,3,4,7,8-PeCDF	50971-11-20	116843-02-8	86		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,4,7,8-HxCDF	50971-11-20	114423-98-2	79		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,6,7,8-HxCDF	50971-11-20	116843-03-9	75		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,7,8,9-HxCDF	50971-11-20	116843-04-0	82		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-2,3,4,6,7,8-HxCDF	50971-11-20	116843-05-1	77		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	50971-11-20	116843-09-5	96		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	50971-11-20	109719-94-0	101		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05
50971-11-20	DIOXIN	37Cl-2,3,7,8-TCDD	50971-11-20	85508-50-5	101		PCT_REC		50971-11	BCO	50971-11-20		15-Apr-05

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NSAMPLES	ANALYSIS DATE	METHOD	VDL	IDL		DILUTION	SI						
50971-11-20	29-Apr-05	MOD 1613B	0.23	0.95		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.28	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.19	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.19	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.18	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.43	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.33	9.49		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	13-May-05	MOD 1613B	0.17	0.95		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.30	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.27	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.22	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.21	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.25	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.24	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.35	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.42	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.41	9.49		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.20	0.95		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.23	0.95		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.29	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.28	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.23	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.19	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.38	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B	0.43	4.74		1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	13-May-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			
50971-11-20	29-Apr-05	MOD 1613B				1	47.35	Login ID = 50171-49-02	3	MB			

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NSAMPLE	SDG	LAB_SAMPLE	CAS	RESULT	VAL	RESULT_TYPE	SAMPLE_TYPE	SDG	LAB	RECEIVED	EXTRACTED	ANALYZED
LPX-SD-4503-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4503-0000-0005	1746-01-6	3902.84	D	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4503-0000-0005	40321-76-4	9.17		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4503-0000-0005	39227-28-6	8.91		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4503-0000-0005	57653-85-7	32.05		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4503-0000-0005	19408-74-3	32.67		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0000-0005	35822-46-9	789.72		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	OCDD	LPX-SD-4503-0000-0005	3268-87-9	5765.83		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4503-0000-0005	51207-31-9	19.07	D#	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4503-0000-0005	57117-41-6	6.31	J	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4503-0000-0005	57117-31-4	11.18		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4503-0000-0005	70648-26-9	28.37		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4503-0000-0005	57117-44-9	25.56		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4503-0000-0005	72918-21-9	0.67	J	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4503-0000-0005	60851-34-5	13.90	J	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0000-0005	67562-39-4	337.47		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0000-0005	55673-89-7	15.88	J	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	OCDF	LPX-SD-4503-0000-0005	39001-02-0	504.89		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4503-0000-0005	55722-27-5	192.59		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4503-0000-0005	41903-57-5	3948.26	D	PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4503-0000-0005	30402-15-4	518.07		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4503-0000-0005	36088-22-9	49.18		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4503-0000-0005	55684-94-1	549.11		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4503-0000-0005	34465-46-8	240.75		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4503-0000-0005	38998-75-3	657.73		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4503-0000-0005	37871-00-4	1509.77		PG/G_DRYWT	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4503-0000-0005	76523-40-5	59	D	PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4503-0000-0005	109719-79-1	79		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4503-0000-0005	109719-80-4	68		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4503-0000-0005	109719-81-5	71		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0000-0005	109719-83-7	82		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4503-0000-0005	114423-97-1	86		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4503-0000-0005	89059-46-1	38	D#	PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4503-0000-0005	109719-77-9	80		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4503-0000-0005	116843-02-8	79		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4503-0000-0005	114423-98-2	74		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4503-0000-0005	116843-03-9	69		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4503-0000-0005	116843-04-0	85		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4503-0000-0005	116843-05-1	73		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0000-0005	116843-09-5	77		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0000-0005	109719-94-0	89		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05
LPX-SD-4503-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4503-0000-0005	85508-50-5	104		PCT_REC	50971-11	BCO	50971-11-02	8-Apr-05	15-Apr-05

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL	CRQL	DIL_FACTOR	PCT_MOIST	COMMENT					FINAL_QUAL	VALID_COMMENT
LPX-SD-4503-0000-0005	13-May-05	MOD 1613B	3.04	9.77			6	69.31	Login ID = 50026-80-02		3	N	3902.84		1:6 DILUTION
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.25	8.14			1	69.31	Login ID = 50026-80-02		3	N	9.17		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.75	8.14			1	69.31	Login ID = 50026-80-02		3	N	8.91	U	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.66	8.14			1	69.31	Login ID = 50026-80-02		3	N	32.05		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.64	8.14			1	69.31	Login ID = 50026-80-02		3	N	32.67		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.04	8.14			1	69.31	Login ID = 50026-80-02		3	N	789.72		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	0.93	16.28			1	69.31	Login ID = 50026-80-02		3	N	5765.83		
LPX-SD-4503-0000-0005	16-May-05	MOD 1613B	7.97	9.77			6	69.31	Login ID = 50026-80-02		3	N	19.07	#	1:6 DILUTION
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	6.33	8.14			1	69.31	Login ID = 50026-80-02		3	N	6.31	U	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	5.62	8.14			1	69.31	Login ID = 50026-80-02		3	N	11.18		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	14.06	8.14			1	69.31	Login ID = 50026-80-02		3	N	28.37		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	14.23	8.14			1	69.31	Login ID = 50026-80-02		3	N	25.56		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	13.49	8.14			1	69.31	Login ID = 50026-80-02		3	N	0.67	U	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	18.59	8.14			1	69.31	Login ID = 50026-80-02		3	N	13.90	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	36.55	8.14			1	69.31	Login ID = 50026-80-02		3	N	337.47		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	39.78	8.14			1	69.31	Login ID = 50026-80-02		3	N	15.88	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.14	16.28			1	69.31	Login ID = 50026-80-02		3	N	504.89		
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	0.73	1.63			1	69.31	Login ID = 50026-80-02		3	N	192.59	J	
LPX-SD-4503-0000-0005	13-May-05	MOD 1613B	3.04	9.77			6	69.31	Login ID = 50026-80-02		3	N	3948.26	J	1:6 DILUTION
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	5.98	8.14			1	69.31	Login ID = 50026-80-02		3	N	518.07	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.25	8.14			1	69.31	Login ID = 50026-80-02		3	N	49.18	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	15.01	8.14			1	69.31	Login ID = 50026-80-02		3	N	549.11	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.68	8.14			1	69.31	Login ID = 50026-80-02		3	N	240.75	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	38.10	8.14			1	69.31	Login ID = 50026-80-02		3	N	657.73	J	
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B	1.04	8.14			1	69.31	Login ID = 50026-80-02		3	N	1509.77	J	
LPX-SD-4503-0000-0005	13-May-05	MOD 1613B					6	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	16-May-05	MOD 1613B					6	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			
LPX-SD-4503-0000-0005	29-Apr-05	MOD 1613B					1	69.31	Login ID = 50026-80-02		3	N			

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													EFD_DATE	EXTR_DATE
LPX-SD-4503-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4503-0012-0013	1746-01-6	3273.61	D	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4503-0012-0013	40321-76-4	7.15	J	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4503-0012-0013	39227-28-6	12.94	J	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4503-0012-0013	57653-85-7	27.68		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4503-0012-0013	19408-74-3	16.22		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0012-0013	35822-46-9	642.70		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	OCDD	LPX-SD-4503-0012-0013	3268-87-9	4879.10		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4503-0012-0013	51207-31-9	34.11	D#	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4503-0012-0013	57117-41-6	15.08	U	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4503-0012-0013	57117-31-4	17.84	D	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4503-0012-0013	70648-26-9	32.66	J	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4503-0012-0013	57117-44-9	23.68	J	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4503-0012-0013	72918-21-9	104.73	U	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4503-0012-0013	60851-34-5	16.58	DJK	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0012-0013	67562-39-4	245.41		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0012-0013	55673-89-7	15.58	J	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	OCDF	LPX-SD-4503-0012-0013	39001-02-0	327.60		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4503-0012-0013	55722-27-5	162.55		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4503-0012-0013	41903-57-5	3319.62	D	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4503-0012-0013	30402-15-4	451.23		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4503-0012-0013	36088-22-9	7.15	J	PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4503-0012-0013	55684-94-1	539.65		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4503-0012-0013	34465-46-8	152.55		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4503-0012-0013	38998-75-3	492.62		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4503-0012-0013	37871-00-4	1264.98		PG/G_DRYWT		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4503-0012-0013	76523-40-5	55	D	PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4503-0012-0013	109719-79-1	67		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4503-0012-0013	109719-80-4	102		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4503-0012-0013	109719-81-5	73		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4503-0012-0013	109719-83-7	79		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4503-0012-0013	114423-97-1	91		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4503-0012-0013	89059-46-1	33	D#	PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4503-0012-0013	109719-77-9	68		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4503-0012-0013	116843-02-8	63		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4503-0012-0013	114423-98-2	98		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4503-0012-0013	116843-03-9	81		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4503-0012-0013	116843-04-0	74		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4503-0012-0013	116843-05-1	80		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4503-0012-0013	116843-09-5	75		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4503-0012-0013	109719-94-0	75		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05
LPX-SD-4503-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4503-0012-0013	85508-50-5	76		PCT_REC		50971-11	BCO	50971-11-03	8-Apr-05	15-Apr-05

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SAMPLE	ANAL	METHOD												
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B	14.26	12.69		10	60.76	Login ID = 50026-80-03	3	N	3273.61		1:10 DILUTION
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	12.30	25.37		4	60.76	Login ID = 50026-80-03	3	N	7.15	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	15.04	25.37		4	60.76	Login ID = 50026-80-03	3	N	12.94	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	15.73	25.37		4	60.76	Login ID = 50026-80-03	3	N	27.68		
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	13.91	25.37		4	60.76	Login ID = 50026-80-03	3	N	16.22		
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	56.26	25.37		4	60.76	Login ID = 50026-80-03	3	N	642.70		
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	18.30	50.75		4	60.76	Login ID = 50026-80-03	3	N	4879.10		
LPX-SD-4503-0012-0013	19-May-05	MOD 1613B	13.75	7.61		6	60.76	Login ID = 50026-80-03	3	N	34.11	#	1:6 DILUTION
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	15.08	25.37		4	60.76	Login ID = 50026-80-03	3	N	15.08	U	
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B	17.18	63.44		10	60.76	Login ID = 50026-80-03	3	N	17.84		1:10 DILUTION
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	85.67	25.37		4	60.76	Login ID = 50026-80-03	3	N	32.66	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	86.86	25.37		4	60.76	Login ID = 50026-80-03	3	N	23.68	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	104.73	25.37		4	60.76	Login ID = 50026-80-03	3	N	104.73	U	
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B	41.03	63.44		10	60.76	Login ID = 50026-80-03	3	N	16.58	*	1:10 DILUTION
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	55.40	25.37		4	60.76	Login ID = 50026-80-03	3	N	245.41		
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	50.33	25.37		4	60.76	Login ID = 50026-80-03	3	N	15.58	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	21.19	50.75		4	60.76	Login ID = 50026-80-03	3	N	327.60		
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	12.34	5.07		4	60.76	Login ID = 50026-80-03	3	N	162.55	J	
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B	14.26	12.69		10	60.76	Login ID = 50026-80-03	3	N	3319.62	J	1:10 DILUTION
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B	17.82	63.44		10	60.76	Login ID = 50026-80-03	3	N	451.23	J	1:10 DILUTION
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	12.30	25.37		4	60.76	Login ID = 50026-80-03	3	N	7.15	UJ	
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B	41.21	63.44		10	60.76	Login ID = 50026-80-03	3	N	539.65	J	1:10 DILUTION
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	14.87	25.37		4	60.76	Login ID = 50026-80-03	3	N	152.55	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	53.01	25.37		4	60.76	Login ID = 50026-80-03	3	N	492.62	J	
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B	56.26	25.37		4	60.76	Login ID = 50026-80-03	3	N	1264.98	J	
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				10	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	6-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	19-May-05	MOD 1613B				6	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			
LPX-SD-4503-0012-0013	11-May-05	MOD 1613B				4	60.76	Login ID = 50026-80-03	3	N			

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LPX-SD-4502-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4502-0000-0005	1746-01-6	3072.49	D	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4502-0000-0005	40321-76-4	8.38		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4502-0000-0005	39227-28-6	9.75		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4502-0000-0005	57653-85-7	28.56		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4502-0000-0005	19408-74-3	17.01		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4502-0000-0005	35822-46-9	759.75		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	OCDD	LPX-SD-4502-0000-0005	3268-87-9	5589.12		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4502-0000-0005	51207-31-9	16.71	D#	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4502-0000-0005	57117-41-6	3.04	JK	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4502-0000-0005	57117-31-4	10.16		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4502-0000-0005	70648-26-9	25.22		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4502-0000-0005	57117-44-9	20.80		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4502-0000-0005	72918-21-9	0.40	J	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4502-0000-0005	60851-34-5	12.85	J	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4502-0000-0005	67562-39-4	271.18		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4502-0000-0005	55673-89-7	12.90	J	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	OCDF	LPX-SD-4502-0000-0005	39001-02-0	513.57		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4502-0000-0005	55722-27-5	148.54		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4502-0000-0005	41903-57-5	3108.51	D	PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4502-0000-0005	30402-15-4	430.68		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4502-0000-0005	36088-22-9	53.21		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4502-0000-0005	55684-94-1	485.87		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4502-0000-0005	34465-46-8	206.24		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4502-0000-0005	38998-75-3	566.79		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4502-0000-0005	37871-00-4	1444.82		PG/G_DRYWT		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4502-0000-0005	76523-40-5	61	D	PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4502-0000-0005	109719-79-1	93		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4502-0000-0005	109719-80-4	82		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4502-0000-0005	109719-81-5	71		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4502-0000-0005	109719-83-7	98		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4502-0000-0005	114423-97-1	94		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4502-0000-0005	89059-46-1	39	D#	PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4502-0000-0005	109719-77-9	93		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4502-0000-0005	116843-02-8	97		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4502-0000-0005	114423-98-2	81		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4502-0000-0005	116843-03-9	75		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4502-0000-0005	116843-04-0	90		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4502-0000-0005	116843-05-1	83		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4502-0000-0005	116843-09-5	95		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4502-0000-0005	109719-94-0	109		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05
LPX-SD-4502-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4502-0000-0005	85508-50-5	101		PCT_REC		50971-11	BCO	50971-11-04	8-Apr-05	15-Apr-05

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SAMPLE_ID	ANALYSIS_DATE	METHOD	RECVD	DEPTH_TOP	DEPTH_BOTTOM	DILUTION_FACTOR	PCT_MOISTURE	LOGIN_ID	SAMPLE_TYPE_CODE	LAB_QUAL_FLAG	RESULT_VALUE	VALIDATED_QUAL	VALID_COMMENT
LPX-SD-4502-0000-0005	13-May-05	MOD 1613B	2.96	9.50		6	68.96	Login ID = 50026-80-08	3	N	3072.49		1:6 DILUTION
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.61	7.91		1	68.96	Login ID = 50026-80-08	3	N	8.38	U	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.13	7.91		1	68.96	Login ID = 50026-80-08	3	N	9.75		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.03	7.91		1	68.96	Login ID = 50026-80-08	3	N	28.56		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.05	7.91		1	68.96	Login ID = 50026-80-08	3	N	17.01		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	2.16	7.91		1	68.96	Login ID = 50026-80-08	3	N	759.75		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	3.40	15.83		1	68.96	Login ID = 50026-80-08	3	N	5589.12		
LPX-SD-4502-0000-0005	16-May-05	MOD 1613B	5.67	9.50		6	68.96	Login ID = 50026-80-08	3	N	16.71	#	1:6 DILUTION
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	6.31	7.91		1	68.96	Login ID = 50026-80-08	3	N	3.04	*U	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	5.30	7.91		1	68.96	Login ID = 50026-80-08	3	N	10.16		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	11.03	7.91		1	68.96	Login ID = 50026-80-08	3	N	25.22		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	10.60	7.91		1	68.96	Login ID = 50026-80-08	3	N	20.80		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	10.90	7.91		1	68.96	Login ID = 50026-80-08	3	N	0.40	U	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	13.70	7.91		1	68.96	Login ID = 50026-80-08	3	N	12.85	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	35.98	7.91		1	68.96	Login ID = 50026-80-08	3	N	271.18		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	39.45	7.91		1	68.96	Login ID = 50026-80-08	3	N	12.90	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	3.68	15.83		1	68.96	Login ID = 50026-80-08	3	N	513.57		
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.21	1.58		1	68.96	Login ID = 50026-80-08	3	N	148.54	J	
LPX-SD-4502-0000-0005	13-May-05	MOD 1613B	1.02	9.50		6	68.96	Login ID = 50026-80-08	3	N	3108.51	J	1:6 DILUTION
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	5.80	7.91		1	68.96	Login ID = 50026-80-08	3	N	430.68	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.61	7.91		1	68.96	Login ID = 50026-80-08	3	N	53.21	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	11.52	7.91		1	68.96	Login ID = 50026-80-08	3	N	485.87	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	1.07	7.91		1	68.96	Login ID = 50026-80-08	3	N	206.24	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	37.64	7.91		1	68.96	Login ID = 50026-80-08	3	N	566.79	J	
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B	2.16	7.91		1	68.96	Login ID = 50026-80-08	3	N	1444.82	J	
LPX-SD-4502-0000-0005	13-May-05	MOD 1613B				6	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	16-May-05	MOD 1613B				6	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			
LPX-SD-4502-0000-0005	29-Apr-05	MOD 1613B				1	68.96	Login ID = 50026-80-08	3	N			

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LPX-SD-4504-0012-0013	DIOXIN	2,3,7,8-TCDD	LPX-SD-4504-0012-0013	1746-01-6	4339.53	D	PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4504-0012-0013	40321-76-4	12.30		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4504-0012-0013	39227-28-6	8.90		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4504-0012-0013	57653-85-7	41.65		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4504-0012-0013	19408-74-3	39.64		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4504-0012-0013	35822-46-9	852.49		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	OCDD	LPX-SD-4504-0012-0013	3268-87-9	6259.91		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	2,3,7,8-TCDF	LPX-SD-4504-0012-0013	51207-31-9	32.11	D#	PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4504-0012-0013	57117-41-6	12.39	J	PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4504-0012-0013	57117-31-4	21.42		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4504-0012-0013	70648-26-9	51.57		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4504-0012-0013	57117-44-9	33.28		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4504-0012-0013	72918-21-9	1.17	J	PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4504-0012-0013	60851-34-5	20.33		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4504-0012-0013	67562-39-4	325.33		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4504-0012-0013	55673-89-7	20.20	J	PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	OCDF	LPX-SD-4504-0012-0013	39001-02-0	537.96		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Tetra-Furans	LPX-SD-4504-0012-0013	55722-27-5	401.23		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Tetra-Dioxins	LPX-SD-4504-0012-0013	41903-57-5	4418.95		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Penta-Furans	LPX-SD-4504-0012-0013	30402-15-4	762.29		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Penta-Dioxins	LPX-SD-4504-0012-0013	36088-22-9	74.00		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Hexa-Furans	LPX-SD-4504-0012-0013	55684-94-1	719.07		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Hexa-Dioxins	LPX-SD-4504-0012-0013	34465-46-8	279.53		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Hepta-Furans	LPX-SD-4504-0012-0013	38998-75-3	648.40		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	Total Hepta-Dioxins	LPX-SD-4504-0012-0013	37871-00-4	1652.11		PG/G_DRYWT		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4504-0012-0013	76523-40-5	60	D	PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4504-0012-0013	109719-79-1	93		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4504-0012-0013	109719-80-4	75		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4504-0012-0013	109719-81-5	70		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4504-0012-0013	109719-83-7	93		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-OCDD	LPX-SD-4504-0012-0013	114423-97-1	95		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4504-0012-0013	89059-46-1	44	D#	PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4504-0012-0013	109719-77-9	93		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4504-0012-0013	116843-02-8	99		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4504-0012-0013	114423-98-2	76		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4504-0012-0013	116843-03-9	68		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4504-0012-0013	116843-04-0	84		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4504-0012-0013	116843-05-1	75		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4504-0012-0013	116843-09-5	86		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4504-0012-0013	109719-94-0	104		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05
LPX-SD-4504-0012-0013	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4504-0012-0013	85508-50-5	113		PCT_REC		50971-11	BCO	50971-11-05	8-Apr-05	15-Apr-05

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LPX-SD-4504-0012-0013	13-May-05	MOD 1613B	4.01	8.93		6	66.73	Login ID = 50026-80-09	3	N	4339.53		1:6 DILUTION
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.73	7.44		1	66.73	Login ID = 50026-80-09	3	N	12.30		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	2.25	7.44		1	66.73	Login ID = 50026-80-09	3	N	8.90		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.97	7.44		1	66.73	Login ID = 50026-80-09	3	N	41.65		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	2.04	7.44		1	66.73	Login ID = 50026-80-09	3	N	39.64		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.84	7.44		1	66.73	Login ID = 50026-80-09	3	N	852.49		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.65	14.88		1	66.73	Login ID = 50026-80-09	3	N	6259.91		
LPX-SD-4504-0012-0013	16-May-05	MOD 1613B	1.54	8.93		6	66.73	Login ID = 50026-80-09	3	N	32.11	#	1:6 DILUTION
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	22.01	7.44		1	66.73	Login ID = 50026-80-09	3	N	12.39	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	19.19	7.44		1	66.73	Login ID = 50026-80-09	3	N	21.42		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	14.57	7.44		1	66.73	Login ID = 50026-80-09	3	N	51.57		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	14.25	7.44		1	66.73	Login ID = 50026-80-09	3	N	33.28		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	13.82	7.44		1	66.73	Login ID = 50026-80-09	3	N	1.17	U	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	19.96	7.44		1	66.73	Login ID = 50026-80-09	3	N	20.33		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	26.38	7.44		1	66.73	Login ID = 50026-80-09	3	N	325.33		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	27.76	7.44		1	66.73	Login ID = 50026-80-09	3	N	20.20	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.71	14.88		1	66.73	Login ID = 50026-80-09	3	N	537.96		
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.50	1.49		1	66.73	Login ID = 50026-80-09	3	N	401.23	J	
LPX-SD-4504-0012-0013	13-May-05	MOD 1613B	4.01	8.93		6	66.73	Login ID = 50026-80-09	3	N	4418.95	J	1:6 DILUTION
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	20.57	7.44		1	66.73	Login ID = 50026-80-09	3	N	762.29	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.73	7.44		1	66.73	Login ID = 50026-80-09	3	N	74.00	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	15.56	7.44		1	66.73	Login ID = 50026-80-09	3	N	719.07	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	2.09	7.44		1	66.73	Login ID = 50026-80-09	3	N	279.53	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	27.06	7.44		1	66.73	Login ID = 50026-80-09	3	N	648.40	J	
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B	1.84	7.44		1	66.73	Login ID = 50026-80-09	3	N	1652.11	J	
LPX-SD-4504-0012-0013	13-May-05	MOD 1613B				6	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	16-May-05	MOD 1613B				6	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			
LPX-SD-4504-0012-0013	29-Apr-05	MOD 1613B				1	66.73	Login ID = 50026-80-09	3	N			

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LPX-SD-4505-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4505-0000-0005	1746-01-6	4588.81		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4505-0000-0005	40321-76-4	15.52		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4505-0000-0005	39227-28-6	16.42		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4505-0000-0005	57653-85-7	41.65		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4505-0000-0005	19408-74-3	34.85		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4505-0000-0005	35822-46-9	1131.57		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	OCDD	LPX-SD-4505-0000-0005	3268-87-9	8325.77		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4505-0000-0005	51207-31-9	31.15	#	PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4505-0000-0005	57117-41-6	7.99	J	PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4505-0000-0005	57117-31-4	16.74		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4505-0000-0005	70648-26-9	42.94		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4505-0000-0005	57117-44-9	35.96		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4505-0000-0005	72918-21-9	16.96	U	PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4505-0000-0005	60851-34-5	18.20	J	PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4505-0000-0005	67562-39-4	476.37		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4505-0000-0005	55673-89-7	22.04	J	PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	OCDF	LPX-SD-4505-0000-0005	39001-02-0	654.83		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4505-0000-0005	55722-27-5	389.91		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4505-0000-0005	41903-57-5	4670.32		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4505-0000-0005	30402-15-4	693.06		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4505-0000-0005	36088-22-9	104.22		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4505-0000-0005	55684-94-1	765.34		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4505-0000-0005	34465-46-8	325.12		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4505-0000-0005	38998-75-3	937.26		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4505-0000-0005	37871-00-4	2215.02		PG/G_DRYWT		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4505-0000-0005	76523-40-5	58		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4505-0000-0005	109719-79-1	84		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4505-0000-0005	109719-80-4	83		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4505-0000-0005	109719-81-5	92		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4505-0000-0005	109719-83-7	85		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4505-0000-0005	114423-97-1	89		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4505-0000-0005	89059-46-1	41	#	PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4505-0000-0005	109719-77-9	80		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4505-0000-0005	116843-02-8	79		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4505-0000-0005	114423-98-2	89		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4505-0000-0005	116843-03-9	88		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4505-0000-0005	116843-04-0	79		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4505-0000-0005	116843-05-1	85		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4505-0000-0005	116843-09-5	77		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4505-0000-0005	109719-94-0	78		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05
LPX-SD-4505-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4505-0000-0005	85508-50-5	87		PCT_REC		50971-11	BCO	50971-11-06	8-Apr-05	15-Apr-05

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SAMPLE	ANALYSIS DATE	METHOD												VALID	COMMENT
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	2.08	4.76		3	69.00	Login ID = 50026-80-14	3	N	4588.81				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	4.12	23.82		3	69.00	Login ID = 50026-80-14	3	N	15.52				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	8.15	23.82		3	69.00	Login ID = 50026-80-14	3	N	16.42				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	6.13	23.82		3	69.00	Login ID = 50026-80-14	3	N	41.65				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	6.40	23.82		3	69.00	Login ID = 50026-80-14	3	N	34.85				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	24.43	23.82		3	69.00	Login ID = 50026-80-14	3	N	1131.57				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	169.55	47.64		3	69.00	Login ID = 50026-80-14	3	N	8325.77				
LPX-SD-4505-0000-0005	13-May-05	MOD 1613B	12.52	4.76		3	69.00	Login ID = 50026-80-14	3	N	31.15	#			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	12.36	23.82		3	69.00	Login ID = 50026-80-14	3	N	7.99	U			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	10.95	23.82		3	69.00	Login ID = 50026-80-14	3	N	16.74				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	16.33	23.82		3	69.00	Login ID = 50026-80-14	3	N	42.94				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	16.18	23.82		3	69.00	Login ID = 50026-80-14	3	N	35.96				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	16.96	23.82		3	69.00	Login ID = 50026-80-14	3	N	16.96	U			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	21.18	23.82		3	69.00	Login ID = 50026-80-14	3	N	18.20	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	34.61	23.82		3	69.00	Login ID = 50026-80-14	3	N	476.37				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	35.53	23.82		3	69.00	Login ID = 50026-80-14	3	N	22.04	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	4.25	47.64		3	69.00	Login ID = 50026-80-14	3	N	654.83				
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	4.47	4.76		3	69.00	Login ID = 50026-80-14	3	N	389.91	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	2.08	4.76		3	69.00	Login ID = 50026-80-14	3	N	4670.32	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	11.65	23.82		3	69.00	Login ID = 50026-80-14	3	N	693.06	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	4.12	23.82		3	69.00	Login ID = 50026-80-14	3	N	104.22	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	17.62	23.82		3	69.00	Login ID = 50026-80-14	3	N	765.34	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	6.84	23.82		3	69.00	Login ID = 50026-80-14	3	N	325.12	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	35.05	23.82		3	69.00	Login ID = 50026-80-14	3	N	937.26	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B	24.43	23.82		3	69.00	Login ID = 50026-80-14	3	N	2215.02	J			
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	13-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					
LPX-SD-4505-0000-0005	6-May-05	MOD 1613B				3	69.00	Login ID = 50026-80-14	3	N					

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LPX-SD-4507-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4507-0000-0005	1746-01-6	2148.70		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4507-0000-0005	40321-76-4	6.65		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4507-0000-0005	39227-28-6	7.29		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4507-0000-0005	57653-85-7	24.20		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4507-0000-0005	19408-74-3	20.88		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4507-0000-0005	35822-46-9	501.39		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	OCDD	LPX-SD-4507-0000-0005	3268-87-9	3901.34		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4507-0000-0005	51207-31-9	14.42	#	PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4507-0000-0005	57117-41-6	4.88	J	PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4507-0000-0005	57117-31-4	7.75		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4507-0000-0005	70648-26-9	18.19		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4507-0000-0005	57117-44-9	8.87	U	PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4507-0000-0005	72918-21-9	0.54	JK	PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4507-0000-0005	60851-34-5	9.56	JK	PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4507-0000-0005	67562-39-4	241.24		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4507-0000-0005	55673-89-7	9.03	JK	PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	OCDF	LPX-SD-4507-0000-0005	39001-02-0	333.29		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4507-0000-0005	55722-27-5	135.65		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4507-0000-0005	41903-57-5	2175.39		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4507-0000-0005	30402-15-4	337.63		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4507-0000-0005	36088-22-9	34.50		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4507-0000-0005	55684-94-1	352.01		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4507-0000-0005	34465-46-8	170.47		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4507-0000-0005	38998-75-3	472.48		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4507-0000-0005	37871-00-4	1022.30		PG/G_DRYWT		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4507-0000-0005	76523-40-5	65		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4507-0000-0005	109719-79-1	78		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4507-0000-0005	109719-80-4	82		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4507-0000-0005	109719-81-5	79		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4507-0000-0005	109719-83-7	84		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4507-0000-0005	114423-97-1	85		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4507-0000-0005	89059-46-1	44	#	PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4507-0000-0005	109719-77-9	77		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4507-0000-0005	116843-02-8	77		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4507-0000-0005	114423-98-2	84		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4507-0000-0005	116843-03-9	82		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4507-0000-0005	116843-04-0	85		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4507-0000-0005	116843-05-1	83		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4507-0000-0005	116843-09-5	84		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4507-0000-0005	109719-94-0	82		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05
LPX-SD-4507-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4507-0000-0005	85508-50-5	89		PCT_REC		50971-11	BCO	50971-11-07	8-Apr-05	15-Apr-05

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NSAMPLE	ANAL_DATE	METHOD	MDL	ID		DIL_FACTOR					VALID	COMMENT
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	0.22	1.41		1	64.75	Login ID = 50026-80-20	3	N	2148.70		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	1.01	7.06		1	64.75	Login ID = 50026-80-20	3	N	6.65	U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	1.58	7.06		1	64.75	Login ID = 50026-80-20	3	N	7.29	U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	1.45	7.06		1	64.75	Login ID = 50026-80-20	3	N	24.20		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	1.37	7.06		1	64.75	Login ID = 50026-80-20	3	N	20.88		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	20.78	7.06		1	64.75	Login ID = 50026-80-20	3	N	501.39		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	0.48	14.11		1	64.75	Login ID = 50026-80-20	3	N	3901.34		
LPX-SD-4507-0000-0005	13-May-05	MOD 1613B	2.65	1.41		1	64.75	Login ID = 50026-80-20	3	N	14.42	#	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	11.34	7.06		1	64.75	Login ID = 50026-80-20	3	N	4.88	U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	9.83	7.06		1	64.75	Login ID = 50026-80-20	3	N	7.75	U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	8.84	7.06		1	64.75	Login ID = 50026-80-20	3	N	18.19		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	8.87	7.06		1	64.75	Login ID = 50026-80-20	3	N	8.87	U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	9.22	7.06		1	64.75	Login ID = 50026-80-20	3	N	0.54	*U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	11.17	7.06		1	64.75	Login ID = 50026-80-20	3	N	9.56	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	30.70	7.06		1	64.75	Login ID = 50026-80-20	3	N	241.24		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	34.07	7.06		1	64.75	Login ID = 50026-80-20	3	N	9.03	U	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	0.59	14.11		1	64.75	Login ID = 50026-80-20	3	N	333.29		
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	0.30	1.41		1	64.75	Login ID = 50026-80-20	3	N	135.65	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	0.22	1.41		1	64.75	Login ID = 50026-80-20	3	N	2175.39	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	10.58	7.06		1	64.75	Login ID = 50026-80-20	3	N	337.63	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	1.01	7.06		1	64.75	Login ID = 50026-80-20	3	N	34.50	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	9.51	7.06		1	64.75	Login ID = 50026-80-20	3	N	352.01	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	1.47	7.06		1	64.75	Login ID = 50026-80-20	3	N	170.47	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	32.27	7.06		1	64.75	Login ID = 50026-80-20	3	N	472.48	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B	20.78	7.06		1	64.75	Login ID = 50026-80-20	3	N	1022.30	J	
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	13-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			
LPX-SD-4507-0000-0005	5-May-05	MOD 1613B				1	64.75	Login ID = 50026-80-20	3	N			

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LPX-SD-4508-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4508-0000-0005	1746-01-6	1143.84		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4508-0000-0005	40321-76-4	12.01	J	PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4508-0000-0005	39227-28-6	23.32		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4508-0000-0005	57653-85-7	68.74		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4508-0000-0005	19408-74-3	56.36		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0000-0005	35822-46-9	1561.74		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	OCDD	LPX-SD-4508-0000-0005	3268-87-9	13262.65		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4508-0000-0005	51207-31-9	10.37	#	PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4508-0000-0005	57117-41-6	6.64		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4508-0000-0005	57117-31-4	6.98		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4508-0000-0005	70648-26-9	25.53		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4508-0000-0005	57117-44-9	25.07		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4508-0000-0005	72918-21-9	0.63	J	PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4508-0000-0005	60851-34-5	15.21		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0000-0005	67562-39-4	393.93		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0000-0005	55673-89-7	20.30	J	PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	OCDF	LPX-SD-4508-0000-0005	39001-02-0	851.19		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4508-0000-0005	55722-27-5	87.74		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4508-0000-0005	41903-57-5	1160.90		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4508-0000-0005	30402-15-4	315.38		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4508-0000-0005	36088-22-9	31.47		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4508-0000-0005	55684-94-1	484.31		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4508-0000-0005	34465-46-8	451.27		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4508-0000-0005	38998-75-3	907.70		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4508-0000-0005	37871-00-4	3540.82		PG/G_DRYWT		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4508-0000-0005	76523-40-5	76		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4508-0000-0005	109719-79-1	94		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4508-0000-0005	109719-80-4	80		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4508-0000-0005	109719-81-5	86		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0000-0005	109719-83-7	91		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4508-0000-0005	114423-97-1	93		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4508-0000-0005	89059-46-1	66	#	PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4508-0000-0005	109719-77-9	81		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4508-0000-0005	116843-02-8	87		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4508-0000-0005	114423-98-2	82		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4508-0000-0005	116843-03-9	81		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4508-0000-0005	116843-04-0	81		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4508-0000-0005	116843-05-1	84		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0000-0005	116843-09-5	86		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0000-0005	109719-94-0	86		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4508-0000-0005	85508-50-5	107		PCT_REC		50971-11	BCO	50971-11-08	8-Apr-05	15-Apr-05

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SAMPLE	ANAL_DATE	METHOD	DL	RL	CHR	PROJ	DILFACTOR	PCT	COMMENTS			RESULT	QUAL	VALID_COMMENT
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	1.04	3.89			3	61.88	Login ID = 50026-80-23	3	N	1143.84		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	14.36	19.45			3	61.88	Login ID = 50026-80-23	3	N	12.01	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.83	19.45			3	61.88	Login ID = 50026-80-23	3	N	23.32		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.60	19.45			3	61.88	Login ID = 50026-80-23	3	N	68.74		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.45	19.45			3	61.88	Login ID = 50026-80-23	3	N	56.36		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	142.22	19.45			3	61.88	Login ID = 50026-80-23	3	N	1561.74		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	411.77	38.90			3	61.88	Login ID = 50026-80-23	3	N	13262.65		
LPX-SD-4508-0000-0005	13-May-05	MOD 1613B	1.28	3.89			3	61.88	Login ID = 50026-80-23	3	N	10.37	#	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.88	19.45			3	61.88	Login ID = 50026-80-23	3	N	6.64	U	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.40	19.45			3	61.88	Login ID = 50026-80-23	3	N	6.98	U	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	11.47	19.45			3	61.88	Login ID = 50026-80-23	3	N	25.53		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	11.73	19.45			3	61.88	Login ID = 50026-80-23	3	N	25.07		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	12.86	19.45			3	61.88	Login ID = 50026-80-23	3	N	0.63	U	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	11.63	19.45			3	61.88	Login ID = 50026-80-23	3	N	15.21		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	37.80	19.45			3	61.88	Login ID = 50026-80-23	3	N	393.93		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	42.18	19.45			3	61.88	Login ID = 50026-80-23	3	N	20.30	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	37.60	38.90			3	61.88	Login ID = 50026-80-23	3	N	851.19		
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	4.53	3.89			3	61.88	Login ID = 50026-80-23	3	N	87.74	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	1.04	3.89			3	61.88	Login ID = 50026-80-23	3	N	1160.90	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.63	19.45			3	61.88	Login ID = 50026-80-23	3	N	315.38	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	14.36	19.45			3	61.88	Login ID = 50026-80-23	3	N	31.47	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	11.89	19.45			3	61.88	Login ID = 50026-80-23	3	N	484.31	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	2.62	19.45			3	61.88	Login ID = 50026-80-23	3	N	451.27	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	39.86	19.45			3	61.88	Login ID = 50026-80-23	3	N	907.70	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B	142.22	19.45			3	61.88	Login ID = 50026-80-23	3	N	3540.82	J	
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	13-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			
LPX-SD-4508-0000-0005	6-May-05	MOD 1613B					3	61.88	Login ID = 50026-80-23	3	N			

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LPX-SD-4510-0000-0005	DIOXIN	2,3,7,8-TCDD	LPX-SD-4510-0000-0005	1746-01-6	45673.11	D	PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4510-0000-0005	40321-76-4	15.36		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4510-0000-0005	39227-28-6	18.75		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4510-0000-0005	57653-85-7	53.98		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4510-0000-0005	19408-74-3	47.98		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4510-0000-0005	35822-46-9	1172.45		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	OCDD	LPX-SD-4510-0000-0005	3268-87-9	8553.99		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	2,3,7,8-TCDF	LPX-SD-4510-0000-0005	51207-31-9	26.83	#	PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4510-0000-0005	57117-41-6	8.92	J	PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4510-0000-0005	57117-31-4	16.46	J	PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4510-0000-0005	70648-26-9	41.74		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4510-0000-0005	57117-44-9	36.73		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4510-0000-0005	72918-21-9	1.28	JK	PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4510-0000-0005	60851-34-5	20.08		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4510-0000-0005	67562-39-4	420.39		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4510-0000-0005	55673-89-7	19.11	J	PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	OCDF	LPX-SD-4510-0000-0005	39001-02-0	660.14		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Tetra-Furans	LPX-SD-4510-0000-0005	55722-27-5	339.32		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Tetra-Dioxins	LPX-SD-4510-0000-0005	41903-57-5	45872.24		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Penta-Furans	LPX-SD-4510-0000-0005	30402-15-4	691.65		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Penta-Dioxins	LPX-SD-4510-0000-0005	36088-22-9	73.35		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Hexa-Furans	LPX-SD-4510-0000-0005	55684-94-1	703.24		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Hexa-Dioxins	LPX-SD-4510-0000-0005	34465-46-8	356.62		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Hepta-Furans	LPX-SD-4510-0000-0005	38998-75-3	884.51		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	Total Hepta-Dioxins	LPX-SD-4510-0000-0005	37871-00-4	2319.87		PG/G_DRYWT		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4510-0000-0005	76523-40-5	65	D	PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4510-0000-0005	109719-79-1	86		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4510-0000-0005	109719-80-4	83		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4510-0000-0005	109719-81-5	84		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4510-0000-0005	109719-83-7	92		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-OCDD	LPX-SD-4510-0000-0005	114423-97-1	97		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4510-0000-0005	89059-46-1	61	#	PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4510-0000-0005	109719-77-9	85		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4510-0000-0005	116843-02-8	86		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4510-0000-0005	114423-98-2	88		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4510-0000-0005	116843-03-9	88		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4510-0000-0005	116843-04-0	89		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4510-0000-0005	116843-05-1	90		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4510-0000-0005	116843-09-5	91		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4510-0000-0005	109719-94-0	91		PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05
LPX-SD-4510-0000-0005	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4510-0000-0005	85508-50-5	267	&	PCT_REC		50971-11	BCO	50971-11-10	8-Apr-05	15-Apr-05

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL	CRQL	DIL_FACTOR	PCT_MOISTURE	LOGIN_ID	SAMPLE_AMT	SAMPLE_AMT_UNIT	RESULT	LAB_QUAL	VALID_QUAL	VALID_COMMENT
LPX-SD-4510-0000-0005	17-May-05	MOD 1613B	55.01	63.14		40	68.47	Login ID = 50026-81-05	3	N		45673.11	J		1:40 DILUTION
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	0.82	7.89		1	68.47	Login ID = 50026-81-05	3	N		15.36	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	5.82	7.89		1	68.47	Login ID = 50026-81-05	3	N		18.75	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	5.66	7.89		1	68.47	Login ID = 50026-81-05	3	N		53.98	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	5.19	7.89		1	68.47	Login ID = 50026-81-05	3	N		47.98	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	0.79	7.89		1	68.47	Login ID = 50026-81-05	3	N		1172.45	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	1.91	15.79		1	68.47	Login ID = 50026-81-05	3	N		8553.99	J		
LPX-SD-4510-0000-0005	19-May-05	MOD 1613B	0.65	1.58		1	68.47	Login ID = 50026-81-05	3	N		26.83	#J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	19.80	7.89		1	68.47	Login ID = 50026-81-05	3	N		8.92	UJ		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	16.94	7.89		1	68.47	Login ID = 50026-81-05	3	N		16.46	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	9.31	7.89		1	68.47	Login ID = 50026-81-05	3	N		41.74	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	9.39	7.89		1	68.47	Login ID = 50026-81-05	3	N		36.73	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	10.50	7.89		1	68.47	Login ID = 50026-81-05	3	N		1.28	*UJ		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	9.49	7.89		1	68.47	Login ID = 50026-81-05	3	N		20.08	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	56.16	7.89		1	68.47	Login ID = 50026-81-05	3	N		420.39	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	63.46	7.89		1	68.47	Login ID = 50026-81-05	3	N		19.11	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	1.04	15.79		1	68.47	Login ID = 50026-81-05	3	N		660.14	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	0.20	1.58		1	68.47	Login ID = 50026-81-05	3	N		339.32	J		
LPX-SD-4510-0000-0005	17-May-05	MOD 1613B	55.01	63.14		40	68.47	Login ID = 50026-81-05	3	N		45872.24	J		1:40 DILUTION
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	18.35	7.89		1	68.47	Login ID = 50026-81-05	3	N		691.65	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	0.82	7.89		1	68.47	Login ID = 50026-81-05	3	N		73.35	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	9.64	7.89		1	68.47	Login ID = 50026-81-05	3	N		703.24	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	5.54	7.89		1	68.47	Login ID = 50026-81-05	3	N		356.62	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	59.62	7.89		1	68.47	Login ID = 50026-81-05	3	N		884.51	J		
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B	0.79	7.89		1	68.47	Login ID = 50026-81-05	3	N		2319.87	J		
LPX-SD-4510-0000-0005	17-May-05	MOD 1613B				40	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	19-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					
LPX-SD-4510-0000-0005	5-May-05	MOD 1613B				1	68.47	Login ID = 50026-81-05	3	N					

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LPX-SD-4204-0000-0050	DIOXIN	2,3,7,8-TCDD	LPX-SD-4204-0000-0050	1746-01-6	5688.33	D	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4204-0000-0050	40321-76-4	11.25		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4204-0000-0050	39227-28-6	16.06		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4204-0000-0050	57653-85-7	43.54		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4204-0000-0050	19408-74-3	37.73		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4204-0000-0050	35822-46-9	935.68		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	OCDD	LPX-SD-4204-0000-0050	3268-87-9	7263.65		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	2,3,7,8-TCDF	LPX-SD-4204-0000-0050	51207-31-9	20.35	D#	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4204-0000-0050	57117-41-6	8.91	J	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4204-0000-0050	57117-31-4	13.25	J	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4204-0000-0050	70648-26-9	33.98		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4204-0000-0050	57117-44-9	28.88		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4204-0000-0050	72918-21-9	1.78	J	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4204-0000-0050	60851-34-5	16.98		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4204-0000-0050	67562-39-4	335.82		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4204-0000-0050	55673-89-7	15.81	J	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	OCDF	LPX-SD-4204-0000-0050	39001-02-0	570.69		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Tetra-Furans	LPX-SD-4204-0000-0050	55722-27-5	237.49		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Tetra-Dioxins	LPX-SD-4204-0000-0050	41903-57-5	5770.17	D	PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Penta-Furans	LPX-SD-4204-0000-0050	30402-15-4	530.85		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Penta-Dioxins	LPX-SD-4204-0000-0050	36088-22-9	83.06		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Hexa-Furans	LPX-SD-4204-0000-0050	55684-94-1	539.87		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Hexa-Dioxins	LPX-SD-4204-0000-0050	34465-46-8	285.83		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Hepta-Furans	LPX-SD-4204-0000-0050	38998-75-3	707.69		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	Total Hepta-Dioxins	LPX-SD-4204-0000-0050	37871-00-4	1848.37		PG/G_DRYWT		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4204-0000-0050	76523-40-5	74		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4204-0000-0050	109719-79-1	77		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4204-0000-0050	109719-80-4	75		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4204-0000-0050	109719-81-5	78		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4204-0000-0050	109719-83-7	83		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-OCDD	LPX-SD-4204-0000-0050	114423-97-1	86		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4204-0000-0050	89059-46-1	66	D#	PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4204-0000-0050	109719-77-9	77		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4204-0000-0050	116843-02-8	77		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4204-0000-0050	114423-98-2	80		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4204-0000-0050	116843-03-9	80		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4204-0000-0050	116843-04-0	80		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4204-0000-0050	116843-05-1	79		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4204-0000-0050	116843-09-5	81		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4204-0000-0050	109719-94-0	81		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05
LPX-SD-4204-0000-0050	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4204-0000-0050	85508-50-5	120		PCT_REC		50971-11	BCO	50971-11-11	8-Apr-05	15-Apr-05

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SAMPLE	ANALYSIS DATE	METHOD	MDL	RDL		FACTOR	PCT MOIS				RESULT		VALID COMMENT
LPX-SD-4204-0000-0050	13-May-05	MOD 1613B	3.10	9.75		6	69.25	Login ID = 50026-81-08	3	N	5688.33		1:6 DILUTION
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	0.63	8.12		1	69.25	Login ID = 50026-81-08	3	N	11.25		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	2.79	8.12		1	69.25	Login ID = 50026-81-08	3	N	16.06		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	2.68	8.12		1	69.25	Login ID = 50026-81-08	3	N	43.54		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	2.47	8.12		1	69.25	Login ID = 50026-81-08	3	N	37.73		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	0.83	8.12		1	69.25	Login ID = 50026-81-08	3	N	935.68		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	1.51	16.25		1	69.25	Login ID = 50026-81-08	3	N	7263.65		
LPX-SD-4204-0000-0050	16-May-05	MOD 1613B	5.69	9.75		6	69.25	Login ID = 50026-81-08	3	N	20.35	#	1:6 DILUTION
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	16.56	8.12		1	69.25	Login ID = 50026-81-08	3	N	8.91	U	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	14.48	8.12		1	69.25	Login ID = 50026-81-08	3	N	13.25	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	9.30	8.12		1	69.25	Login ID = 50026-81-08	3	N	33.98		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	8.92	8.12		1	69.25	Login ID = 50026-81-08	3	N	28.88		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	9.79	8.12		1	69.25	Login ID = 50026-81-08	3	N	1.78	U	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	9.55	8.12		1	69.25	Login ID = 50026-81-08	3	N	16.98		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	45.81	8.12		1	69.25	Login ID = 50026-81-08	3	N	335.82		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	49.43	8.12		1	69.25	Login ID = 50026-81-08	3	N	15.81	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	0.74	16.25		1	69.25	Login ID = 50026-81-08	3	N	570.69		
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	0.15	1.62		1	69.25	Login ID = 50026-81-08	3	N	237.49	J	
LPX-SD-4204-0000-0050	*13-May-05*	*MOD 1613B*	*3.10*	*9.75*		*6*	*69.25*	*Login ID = 50026-81-08*	*3*	*N*	*5770.17*	*J*	*1:6 DILUTION*
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	15.51	8.12		1	69.25	Login ID = 50026-81-08	3	N	530.85	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	0.63	8.12		1	69.25	Login ID = 50026-81-08	3	N	83.06	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	9.37	8.12		1	69.25	Login ID = 50026-81-08	3	N	539.87	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	2.64	8.12		1	69.25	Login ID = 50026-81-08	3	N	285.83	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	47.53	8.12		1	69.25	Login ID = 50026-81-08	3	N	707.69	J	
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B	0.83	8.12		1	69.25	Login ID = 50026-81-08	3	N	1848.37	J	
LPX-SD-4204-0000-0050	13-May-05	MOD 1613B				6	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	16-May-05	MOD 1613B				6	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			
LPX-SD-4204-0000-0050	5-May-05	MOD 1613B				1	69.25	Login ID = 50026-81-08	3	N			

US EPA ARCHIVE DOCUMENT

MAP-SD-3001-0005-01	DIOXIN	2,3,7,8-TCDD	MAP-SD-3001-0005-01	1746-01-6	95.67		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,7,8-PeCDD	MAP-SD-3001-0005-01	40321-76-4	0.99		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,4,7,8-HxCDD	MAP-SD-3001-0005-01	39227-28-6	1.64		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,6,7,8-HxCDD	MAP-SD-3001-0005-01	57653-85-7	4.03		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,7,8,9-HxCDD	MAP-SD-3001-0005-01	19408-74-3	3.45		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDD	MAP-SD-3001-0005-01	35822-46-9	87.39		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	OCDD	MAP-SD-3001-0005-01	3268-87-9	621.02		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	2,3,7,8-TCDF	MAP-SD-3001-0005-01	51207-31-9	1.10	#J	PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,7,8-PeCDF	MAP-SD-3001-0005-01	57117-41-6	0.39	J	PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	2,3,4,7,8-PeCDF	MAP-SD-3001-0005-01	57117-31-4	0.77		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,4,7,8-HxCDF	MAP-SD-3001-0005-01	70648-26-9	1.98		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,6,7,8-HxCDF	MAP-SD-3001-0005-01	57117-44-9	1.60		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,7,8,9-HxCDF	MAP-SD-3001-0005-01	72918-21-9	0.46	U	PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	2,3,4,6,7,8-HxCDF	MAP-SD-3001-0005-01	60851-34-5	1.05		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDF	MAP-SD-3001-0005-01	67562-39-4	21.27		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	1,2,3,4,7,8,9-HpCDF	MAP-SD-3001-0005-01	55673-89-7	1.47	JK	PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	OCDF	MAP-SD-3001-0005-01	39001-02-0	47.69		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Tetra-Furans	MAP-SD-3001-0005-01	55722-27-5	15.28		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Tetra-Dioxins	MAP-SD-3001-0005-01	41903-57-5	98.69		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Penta-Furans	MAP-SD-3001-0005-01	30402-15-4	34.83		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Penta-Dioxins	MAP-SD-3001-0005-01	36088-22-9	5.87		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Hexa-Furans	MAP-SD-3001-0005-01	55684-94-1	31.50		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Hexa-Dioxins	MAP-SD-3001-0005-01	34465-46-8	24.87		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Hepta-Furans	MAP-SD-3001-0005-01	38998-75-3	47.85		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	Total Hepta-Dioxins	MAP-SD-3001-0005-01	37871-00-4	146.95		PG/G_DRYWT	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-2,3,7,8-TCDD	MAP-SD-3001-0005-01	76523-40-5	80		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDD	MAP-SD-3001-0005-01	109719-79-1	83		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDD	MAP-SD-3001-0005-01	109719-80-4	82		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDD	MAP-SD-3001-0005-01	109719-81-5	85		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	MAP-SD-3001-0005-01	109719-83-7	90		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-OCDD	MAP-SD-3001-0005-01	114423-97-1	93		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-2,3,7,8-TCDF	MAP-SD-3001-0005-01	89059-46-1	91	#	PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDF	MAP-SD-3001-0005-01	109719-77-9	84		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-2,3,4,7,8-PeCDF	MAP-SD-3001-0005-01	116843-02-8	85		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDF	MAP-SD-3001-0005-01	114423-98-2	87		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDF	MAP-SD-3001-0005-01	116843-03-9	88		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,7,8,9-HxCDF	MAP-SD-3001-0005-01	116843-04-0	87		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-2,3,4,6,7,8-HxCDF	MAP-SD-3001-0005-01	116843-05-1	88		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	MAP-SD-3001-0005-01	116843-09-5	87		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	MAP-SD-3001-0005-01	109719-94-0	90		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05
MAP-SD-3001-0005-01	DIOXIN	37Cl-2,3,7,8-TCDD	MAP-SD-3001-0005-01	85508-50-5	99		PCT_REC	50971-11	BCO	50971-11-12	13-Apr-05	15-Apr-05

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SAMPLE														
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.12	0.65		1	24.13	Login ID = 50026-83-02	3	N	95.67		
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.10	3.24		1	24.13	Login ID = 50026-83-02	3	N	0.99	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.32	3.24		1	24.13	Login ID = 50026-83-02	3	N	1.64	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.32	3.24		1	24.13	Login ID = 50026-83-02	3	N	4.03	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.29	3.24		1	24.13	Login ID = 50026-83-02	3	N	3.45	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	2.43	3.24		1	24.13	Login ID = 50026-83-02	3	N	87.39		
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.43	6.48		1	24.13	Login ID = 50026-83-02	3	N	621.02		
MAP-SD-3001-0005-01	13-May-05	MOD 1613B	2.21	0.65		1	24.13	Login ID = 50026-83-02	3	N	1.10	#U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.72	3.24		1	24.13	Login ID = 50026-83-02	3	N	0.39	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.62	3.24		1	24.13	Login ID = 50026-83-02	3	N	0.77	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.41	3.24		1	24.13	Login ID = 50026-83-02	3	N	1.98	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.42	3.24		1	24.13	Login ID = 50026-83-02	3	N	1.60	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.46	3.24		1	24.13	Login ID = 50026-83-02	3	N	0.46	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.42	3.24		1	24.13	Login ID = 50026-83-02	3	N	1.05	U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	3.08	3.24		1	24.13	Login ID = 50026-83-02	3	N	21.27		
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	3.38	3.24		1	24.13	Login ID = 50026-83-02	3	N	1.47	*U	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.25	6.48		1	24.13	Login ID = 50026-83-02	3	N	47.69		
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.02	0.65		1	24.13	Login ID = 50026-83-02	3	N	15.28	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.12	0.65		1	24.13	Login ID = 50026-83-02	3	N	98.69	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.67	3.24		1	24.13	Login ID = 50026-83-02	3	N	34.83	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.10	3.24		1	24.13	Login ID = 50026-83-02	3	N	5.87	UJ	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.43	3.24		1	24.13	Login ID = 50026-83-02	3	N	31.50	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	0.31	3.24		1	24.13	Login ID = 50026-83-02	3	N	24.87	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	3.22	3.24		1	24.13	Login ID = 50026-83-02	3	N	47.85	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B	2.43	3.24		1	24.13	Login ID = 50026-83-02	3	N	146.95	J	
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	13-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			
MAP-SD-3001-0005-01	5-May-05	MOD 1613B				1	24.13	Login ID = 50026-83-02	3	N			

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MAP-SD-3002-0005-01	DIOXIN	2,3,7,8-TCDD	MAP-SD-3002-0005-01	1746-01-6	121.59		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,7,8-PeCDD	MAP-SD-3002-0005-01	40321-76-4	1.16		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,4,7,8-HxCDD	MAP-SD-3002-0005-01	39227-28-6	1.39		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,6,7,8-HxCDD	MAP-SD-3002-0005-01	57653-85-7	2.76		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,7,8,9-HxCDD	MAP-SD-3002-0005-01	19408-74-3	2.73		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDD	MAP-SD-3002-0005-01	35822-46-9	50.27		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	OCDD	MAP-SD-3002-0005-01	3268-87-9	361.14		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	2,3,7,8-TCDF	MAP-SD-3002-0005-01	51207-31-9	2.69	#	PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,7,8-PeCDF	MAP-SD-3002-0005-01	57117-41-6	0.92	J	PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	2,3,4,7,8-PeCDF	MAP-SD-3002-0005-01	57117-31-4	1.29	J	PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,4,7,8-HxCDF	MAP-SD-3002-0005-01	70648-26-9	2.74		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,6,7,8-HxCDF	MAP-SD-3002-0005-01	57117-44-9	2.23		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,7,8,9-HxCDF	MAP-SD-3002-0005-01	72918-21-9	1.88	U	PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	2,3,4,6,7,8-HxCDF	MAP-SD-3002-0005-01	60851-34-5	1.30	J	PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDF	MAP-SD-3002-0005-01	67562-39-4	20.14		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	1,2,3,4,7,8,9-HpCDF	MAP-SD-3002-0005-01	55673-89-7	1.24	J	PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	OCDF	MAP-SD-3002-0005-01	39001-02-0	25.93		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Tetra-Furans	MAP-SD-3002-0005-01	55722-27-5	31.11		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Tetra-Dioxins	MAP-SD-3002-0005-01	41903-57-5	127.11		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Penta-Furans	MAP-SD-3002-0005-01	30402-15-4	52.00		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Penta-Dioxins	MAP-SD-3002-0005-01	36088-22-9	3.66		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Hexa-Furans	MAP-SD-3002-0005-01	55684-94-1	36.16		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Hexa-Dioxins	MAP-SD-3002-0005-01	34465-46-8	19.74		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Hepta-Furans	MAP-SD-3002-0005-01	38998-75-3	40.11		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	Total Hepta-Dioxins	MAP-SD-3002-0005-01	37871-00-4	93.42		PG/G_DRYWT		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-2,3,7,8-TCDD	MAP-SD-3002-0005-01	76523-40-5	70		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDD	MAP-SD-3002-0005-01	109719-79-1	78		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDD	MAP-SD-3002-0005-01	109719-80-4	73		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDD	MAP-SD-3002-0005-01	109719-81-5	74		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	MAP-SD-3002-0005-01	109719-83-7	78		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-OCDD	MAP-SD-3002-0005-01	114423-97-1	66		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-2,3,7,8-TCDF	MAP-SD-3002-0005-01	89059-46-1	75	#	PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDF	MAP-SD-3002-0005-01	109719-77-9	76		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-2,3,4,7,8-PeCDF	MAP-SD-3002-0005-01	116843-02-8	78		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDF	MAP-SD-3002-0005-01	114423-98-2	76		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDF	MAP-SD-3002-0005-01	116843-03-9	76		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,7,8,9-HxCDF	MAP-SD-3002-0005-01	116843-04-0	76		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-2,3,4,6,7,8-HxCDF	MAP-SD-3002-0005-01	116843-05-1	78		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	MAP-SD-3002-0005-01	116843-09-5	80		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	MAP-SD-3002-0005-01	109719-94-0	77		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05
MAP-SD-3002-0005-01	DIOXIN	37Cl-2,3,7,8-TCDD	MAP-SD-3002-0005-01	85508-50-5	87		PCT_REC		50971-11	BCO	50971-11-13	13-Apr-05	15-Apr-05

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SAMPLE	ANAL DATE	METHOD	MDL	RDL	COMMENT	DIL FACTOR	PCT MOIST				RESULT	FINAL QUAL	VALID COMMENT
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.29	1.21		1	58.58	Login ID = 50026-83-03	3	N	121.59		
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.34	6.03		1	58.58	Login ID = 50026-83-03	3	N	1.16	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.02	6.03		1	58.58	Login ID = 50026-83-03	3	N	1.39	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.03	6.03		1	58.58	Login ID = 50026-83-03	3	N	2.76	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.93	6.03		1	58.58	Login ID = 50026-83-03	3	N	2.73	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	5.32	6.03		1	58.58	Login ID = 50026-83-03	3	N	50.27		
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.83	12.06		1	58.58	Login ID = 50026-83-03	3	N	361.14		
MAP-SD-3002-0005-01	13-May-05	MOD 1613B	1.06	1.21		1	58.58	Login ID = 50026-83-03	3	N	2.69	#	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	2.31	6.03		1	58.58	Login ID = 50026-83-03	3	N	0.92	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.95	6.03		1	58.58	Login ID = 50026-83-03	3	N	1.29	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.68	6.03		1	58.58	Login ID = 50026-83-03	3	N	2.74	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.67	6.03		1	58.58	Login ID = 50026-83-03	3	N	2.23	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.88	6.03		1	58.58	Login ID = 50026-83-03	3	N	1.88	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.70	6.03		1	58.58	Login ID = 50026-83-03	3	N	1.30	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.93	6.03		1	58.58	Login ID = 50026-83-03	3	N	20.14		
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	2.25	6.03		1	58.58	Login ID = 50026-83-03	3	N	1.24	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.41	12.06		1	58.58	Login ID = 50026-83-03	3	N	25.93	U	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.08	1.21		1	58.58	Login ID = 50026-83-03	3	N	31.11	J	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.29	1.21		1	58.58	Login ID = 50026-83-03	3	N	127.11	J	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	2.13	6.03		1	58.58	Login ID = 50026-83-03	3	N	52.00	J	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.34	6.03		1	58.58	Login ID = 50026-83-03	3	N	3.66	UJ	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	1.73	6.03		1	58.58	Login ID = 50026-83-03	3	N	36.16	UJ	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	0.99	6.03		1	58.58	Login ID = 50026-83-03	3	N	19.74	UJ	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	2.08	6.03		1	58.58	Login ID = 50026-83-03	3	N	40.11	J	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B	5.32	6.03		1	58.58	Login ID = 50026-83-03	3	N	93.42	J	
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	13-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			
MAP-SD-3002-0005-01	5-May-05	MOD 1613B				1	58.58	Login ID = 50026-83-03	3	N			

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SOURCE													
MAP-SD-3003-0005-01	DIOXIN	2,3,7,8-TCDD	MAP-SD-3003-0005-01	1746-01-6	16.10		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,7,8-PeCDD	MAP-SD-3003-0005-01	40321-76-4	0.21		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,4,7,8-HxCDD	MAP-SD-3003-0005-01	39227-28-6	0.40		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,6,7,8-HxCDD	MAP-SD-3003-0005-01	57653-85-7	0.58	K	PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,7,8,9-HxCDD	MAP-SD-3003-0005-01	19408-74-3	0.68		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDD	MAP-SD-3003-0005-01	35822-46-9	12.26		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	OCDD	MAP-SD-3003-0005-01	3268-87-9	104.37		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	2,3,7,8-TCDF	MAP-SD-3003-0005-01	51207-31-9	0.47		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,7,8-PeCDF	MAP-SD-3003-0005-01	57117-41-6	0.16		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	2,3,4,7,8-PeCDF	MAP-SD-3003-0005-01	57117-31-4	0.22		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,4,7,8-HxCDF	MAP-SD-3003-0005-01	70648-26-9	0.61	K	PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,6,7,8-HxCDF	MAP-SD-3003-0005-01	57117-44-9	0.40		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,7,8,9-HxCDF	MAP-SD-3003-0005-01	72918-21-9	0.06	J	PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	2,3,4,6,7,8-HxCDF	MAP-SD-3003-0005-01	60851-34-5	0.30	J	PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDF	MAP-SD-3003-0005-01	67562-39-4	3.80		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	1,2,3,4,7,8,9-HpCDF	MAP-SD-3003-0005-01	55673-89-7	0.31	J	PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	OCDF	MAP-SD-3003-0005-01	39001-02-0	7.05		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Tetra-Furans	MAP-SD-3003-0005-01	55722-27-5	2.98		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Tetra-Dioxins	MAP-SD-3003-0005-01	41903-57-5	16.75		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Penta-Furans	MAP-SD-3003-0005-01	30402-15-4	10.20		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Penta-Dioxins	MAP-SD-3003-0005-01	36088-22-9	1.04		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Hexa-Furans	MAP-SD-3003-0005-01	55684-94-1	7.33		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Hexa-Dioxins	MAP-SD-3003-0005-01	34465-46-8	3.79		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Hepta-Furans	MAP-SD-3003-0005-01	38998-75-3	8.07		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	Total Hepta-Dioxins	MAP-SD-3003-0005-01	37871-00-4	22.85		PG/G_DRYWT		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-2,3,7,8-TCDD	MAP-SD-3003-0005-01	76523-40-5	74		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDD	MAP-SD-3003-0005-01	109719-79-1	81		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDD	MAP-SD-3003-0005-01	109719-80-4	79		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDD	MAP-SD-3003-0005-01	109719-81-5	81		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	MAP-SD-3003-0005-01	109719-83-7	83		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-OCDD	MAP-SD-3003-0005-01	114423-97-1	81		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-2,3,7,8-TCDF	MAP-SD-3003-0005-01	89059-46-1	71		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDF	MAP-SD-3003-0005-01	109719-77-9	80		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-2,3,4,7,8-PeCDF	MAP-SD-3003-0005-01	116843-02-8	81		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDF	MAP-SD-3003-0005-01	114423-98-2	82		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDF	MAP-SD-3003-0005-01	116843-03-9	82		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,7,8,9-HxCDF	MAP-SD-3003-0005-01	116843-04-0	82		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-2,3,4,6,7,8-HxCDF	MAP-SD-3003-0005-01	116843-05-1	82		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	MAP-SD-3003-0005-01	116843-09-5	82		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	MAP-SD-3003-0005-01	109719-94-0	81		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05
MAP-SD-3003-0005-01	DIOXIN	37Cl-2,3,7,8-TCDD	MAP-SD-3003-0005-01	85508-50-5	95		PCT_REC		50971-11	BCO	50971-11-14	13-Apr-05	15-Apr-05

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SAMPLE_NO	ANALYTE_DATE	METHOD	MDL	PQL	LAB_QUAL	DILUTION_FACTOR	PERCENT_MOISTURE	LOGIN_ID	SAMPLE_TYPE_CODE	LAB_RECEIVED_PHASE	RESULT	FINAL_QUAL	VALID	COMMENT
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.09	0.58		1	14.37	Login ID = 50026-83-04	3	N	16.10			
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.07	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.21	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.14	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.40	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.14	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.58	*U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.13	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.68	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	1.12	2.90		1	14.37	Login ID = 50026-83-04	3	N	12.26			
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.26	5.81		1	14.37	Login ID = 50026-83-04	3	N	104.37			
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.05	0.58		1	14.37	Login ID = 50026-83-04	3	N	0.47			
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.13	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.16	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.12	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.22	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.40	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.61	*U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.39	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.40	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.44	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.06	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.41	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.30	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.42	2.90		1	14.37	Login ID = 50026-83-04	3	N	3.80			
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.47	2.90		1	14.37	Login ID = 50026-83-04	3	N	0.31	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.55	5.81		1	14.37	Login ID = 50026-83-04	3	N	7.05	U		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.05	0.58		1	14.37	Login ID = 50026-83-04	3	N	2.98	J		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.09	0.58		1	14.37	Login ID = 50026-83-04	3	N	16.75	J		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.13	2.90		1	14.37	Login ID = 50026-83-04	3	N	10.20	UJ		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.07	2.90		1	14.37	Login ID = 50026-83-04	3	N	1.04	UJ		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.41	2.90		1	14.37	Login ID = 50026-83-04	3	N	7.33	UJ		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.14	2.90		1	14.37	Login ID = 50026-83-04	3	N	3.79	UJ		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	0.44	2.90		1	14.37	Login ID = 50026-83-04	3	N	8.07	UJ		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B	1.12	2.90		1	14.37	Login ID = 50026-83-04	3	N	22.85	J		
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				
MAP-SD-3003-0005-01	5-May-05	MOD 1613B				1	14.37	Login ID = 50026-83-04	3	N				

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MAP-SD-3004-0005-01	DIOXIN	2,3,7,8-TCDD	MAP-SD-3004-0005-01	1746-01-6	27.94		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,7,8-PeCDD	MAP-SD-3004-0005-01	40321-76-4	0.34		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,4,7,8-HxCDD	MAP-SD-3004-0005-01	39227-28-6	0.39		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,6,7,8-HxCDD	MAP-SD-3004-0005-01	57653-85-7	1.13		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,7,8,9-HxCDD	MAP-SD-3004-0005-01	19408-74-3	0.91		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDD	MAP-SD-3004-0005-01	35822-46-9	19.06		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	OCDD	MAP-SD-3004-0005-01	3268-87-9	130.16		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	2,3,7,8-TCDF	MAP-SD-3004-0005-01	51207-31-9	0.55	#J	PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,7,8-PeCDF	MAP-SD-3004-0005-01	57117-41-6	0.18	J	PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	2,3,4,7,8-PeCDF	MAP-SD-3004-0005-01	57117-31-4	0.45		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,4,7,8-HxCDF	MAP-SD-3004-0005-01	70648-26-9	0.74		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,6,7,8-HxCDF	MAP-SD-3004-0005-01	57117-44-9	0.47		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,7,8,9-HxCDF	MAP-SD-3004-0005-01	72918-21-9	0.03	J	PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	2,3,4,6,7,8-HxCDF	MAP-SD-3004-0005-01	60851-34-5	0.34	J	PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDF	MAP-SD-3004-0005-01	67562-39-4	6.24		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	1,2,3,4,7,8,9-HpCDF	MAP-SD-3004-0005-01	55673-89-7	0.37	J	PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	OCDF	MAP-SD-3004-0005-01	39001-02-0	10.25		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Tetra-Furans	MAP-SD-3004-0005-01	55722-27-5	4.29		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Tetra-Dioxins	MAP-SD-3004-0005-01	41903-57-5	27.94		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Penta-Furans	MAP-SD-3004-0005-01	30402-15-4	15.34		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Penta-Dioxins	MAP-SD-3004-0005-01	36088-22-9	2.05		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Hexa-Furans	MAP-SD-3004-0005-01	55684-94-1	11.72		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Hexa-Dioxins	MAP-SD-3004-0005-01	34465-46-8	4.40		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Hepta-Furans	MAP-SD-3004-0005-01	38998-75-3	13.82		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	Total Hepta-Dioxins	MAP-SD-3004-0005-01	37871-00-4	33.01		PG/G_DRYWT		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-2,3,7,8-TCDD	MAP-SD-3004-0005-01	76523-40-5	54		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDD	MAP-SD-3004-0005-01	109719-79-1	72		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDD	MAP-SD-3004-0005-01	109719-80-4	80		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDD	MAP-SD-3004-0005-01	109719-81-5	83		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	MAP-SD-3004-0005-01	109719-83-7	89		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-OCDD	MAP-SD-3004-0005-01	114423-97-1	86		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-2,3,7,8-TCDF	MAP-SD-3004-0005-01	89059-46-1	56	#	PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDF	MAP-SD-3004-0005-01	109719-77-9	67		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-2,3,4,7,8-PeCDF	MAP-SD-3004-0005-01	116843-02-8	72		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDF	MAP-SD-3004-0005-01	114423-98-2	83		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDF	MAP-SD-3004-0005-01	116843-03-9	82		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,7,8,9-HxCDF	MAP-SD-3004-0005-01	116843-04-0	81		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-2,3,4,6,7,8-HxCDF	MAP-SD-3004-0005-01	116843-05-1	84		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	MAP-SD-3004-0005-01	116843-09-5	90		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	MAP-SD-3004-0005-01	109719-94-0	91		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05
MAP-SD-3004-0005-01	DIOXIN	37Cl-2,3,7,8-TCDD	MAP-SD-3004-0005-01	85508-50-5	59		PCT_REC		50971-11	BCO	50971-11-15	13-Apr-05	15-Apr-05

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NSAMPLE	SAMPLE_DATE	METHOD	MDL	RL	DILUTION_FACTOR	PERCENT_MOISTURE	LOGIN_ID	SAMPLE_TYPE_CODE	LAB_QUALIFIERS	RESULT	VALIDATION_QUALIFIERS	VALID_COMMENT
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.06	0.59	1	16.56	Login ID = 50026-83-05	3	N	27.94		
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.07	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.34	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.18	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.39	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.18	2.97	1	16.56	Login ID = 50026-83-05	3	N	1.13	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.16	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.91	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.23	2.97	1	16.56	Login ID = 50026-83-05	3	N	19.06		
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.12	5.94	1	16.56	Login ID = 50026-83-05	3	N	130.16		
MAP-SD-3004-0005-01	13-May-05	MOD 1613B	1.37	0.59	1	16.56	Login ID = 50026-83-05	3	N	0.55	#U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.34	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.18	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.27	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.45	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.38	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.74	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.38	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.47	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.42	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.03	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.38	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.34	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	1.00	2.97	1	16.56	Login ID = 50026-83-05	3	N	6.24		
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	1.10	2.97	1	16.56	Login ID = 50026-83-05	3	N	0.37	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.11	5.94	1	16.56	Login ID = 50026-83-05	3	N	10.25	U	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.06	0.59	1	16.56	Login ID = 50026-83-05	3	N	4.29	J	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.06	0.59	1	16.56	Login ID = 50026-83-05	3	N	27.94	J	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.31	2.97	1	16.56	Login ID = 50026-83-05	3	N	15.34	J	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.07	2.97	1	16.56	Login ID = 50026-83-05	3	N	2.05	UJ	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.39	2.97	1	16.56	Login ID = 50026-83-05	3	N	11.72	UJ	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.17	2.97	1	16.56	Login ID = 50026-83-05	3	N	4.40	UJ	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	1.05	2.97	1	16.56	Login ID = 50026-83-05	3	N	13.82	UJ	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B	0.23	2.97	1	16.56	Login ID = 50026-83-05	3	N	33.01	J	
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	13-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			
MAP-SD-3004-0005-01	6-May-05	MOD 1613B			1	16.56	Login ID = 50026-83-05	3	N			

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MAP-SD-3005-0005-01	DIOXIN	2,3,7,8-TCDD	MAP-SD-3005-0005-01	1746-01-6	48.68		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,7,8-PeCDD	MAP-SD-3005-0005-01	40321-76-4	0.73		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,4,7,8-HxCDD	MAP-SD-3005-0005-01	39227-28-6	0.81		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,6,7,8-HxCDD	MAP-SD-3005-0005-01	57653-85-7	1.58		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,7,8,9-HxCDD	MAP-SD-3005-0005-01	19408-74-3	1.89		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDD	MAP-SD-3005-0005-01	35822-46-9	27.59		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	OCDD	MAP-SD-3005-0005-01	3268-87-9	204.46		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	2,3,7,8-TCDF	MAP-SD-3005-0005-01	51207-31-9	1.04	#J	PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,7,8-PeCDF	MAP-SD-3005-0005-01	57117-41-6	0.51	J	PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	2,3,4,7,8-PeCDF	MAP-SD-3005-0005-01	57117-31-4	0.82	J	PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,4,7,8-HxCDF	MAP-SD-3005-0005-01	70648-26-9	1.63		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,6,7,8-HxCDF	MAP-SD-3005-0005-01	57117-44-9	1.10		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,7,8,9-HxCDF	MAP-SD-3005-0005-01	72918-21-9	0.66	U	PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	2,3,4,6,7,8-HxCDF	MAP-SD-3005-0005-01	60851-34-5	0.86		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,4,6,7,8-HpCDF	MAP-SD-3005-0005-01	67562-39-4	9.63		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	1,2,3,4,7,8,9-HpCDF	MAP-SD-3005-0005-01	55673-89-7	0.61	J	PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	OCDF	MAP-SD-3005-0005-01	39001-02-0	13.99		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	Total Tetra-Furans	MAP-SD-3005-0005-01	55722-27-5	13.48		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	Total Tetra-Dioxins	MAP-SD-3005-0005-01	41903-57-5	50.01		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	Total Penta-Furans	MAP-SD-3005-0005-01	30402-15-4	62.70		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	Total Penta-Dioxins	MAP-SD-3005-0005-01	36088-22-9	3.98		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	*DIOXIN*	*Total Hexa-Furans*	*MAP-SD-3005-0005-01*	*55684-94-1*	*37.85*		*PG/G_DRYWT*		*50971-11*	*BCO*	*50971-11-16*	*13-Apr-05*	*15-Apr-05*
MAP-SD-3005-0005-01	DIOXIN	Total Hexa-Dioxins	MAP-SD-3005-0005-01	34465-46-8	12.53		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	Total Hepta-Furans	MAP-SD-3005-0005-01	38998-75-3	20.23		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	Total Hepta-Dioxins	MAP-SD-3005-0005-01	37871-00-4	51.69		PG/G_DRYWT		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-2,3,7,8-TCDD	MAP-SD-3005-0005-01	76523-40-5	66		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDD	MAP-SD-3005-0005-01	109719-79-1	71		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDD	MAP-SD-3005-0005-01	109719-80-4	69		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDD	MAP-SD-3005-0005-01	109719-81-5	73		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	MAP-SD-3005-0005-01	109719-83-7	72		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-OCDD	MAP-SD-3005-0005-01	114423-97-1	70		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-2,3,7,8-TCDF	MAP-SD-3005-0005-01	89059-46-1	48	#	PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,7,8-PeCDF	MAP-SD-3005-0005-01	109719-77-9	69		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-2,3,4,7,8-PeCDF	MAP-SD-3005-0005-01	116843-02-8	71		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,4,7,8-HxCDF	MAP-SD-3005-0005-01	114423-98-2	73		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,6,7,8-HxCDF	MAP-SD-3005-0005-01	116843-03-9	73		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,7,8,9-HxCDF	MAP-SD-3005-0005-01	116843-04-0	75		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-2,3,4,6,7,8-HxCDF	MAP-SD-3005-0005-01	116843-05-1	72		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	MAP-SD-3005-0005-01	116843-09-5	75		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	MAP-SD-3005-0005-01	109719-94-0	76		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05
MAP-SD-3005-0005-01	DIOXIN	37Cl-2,3,7,8-TCDD	MAP-SD-3005-0005-01	85508-50-5	81		PCT_REC		50971-11	BCO	50971-11-16	13-Apr-05	15-Apr-05

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SAMPLE	ANAL DATE	METHOD	MDL	IDL	CRDL	CRQL	DIL FACTOR	SCREEN				RESULT	FINAL QUAL	VALID	COMMENT
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.07	0.61		1	18.32	Login ID = 50026-83-06	3	N		48.68			
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.15	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.73	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.24	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.81	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.22	3.06		1	18.32	Login ID = 50026-83-06	3	N		1.58	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.21	3.06		1	18.32	Login ID = 50026-83-06	3	N		1.89	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	2.05	3.06		1	18.32	Login ID = 50026-83-06	3	N		27.59			
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.29	6.12		1	18.32	Login ID = 50026-83-06	3	N		204.46			
MAP-SD-3005-0005-01	13-May-05	MOD 1613B	2.23	0.61		1	18.32	Login ID = 50026-83-06	3	N		1.04	#U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.80	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.51	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.53	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.82	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.61	3.06		1	18.32	Login ID = 50026-83-06	3	N		1.63	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.61	3.06		1	18.32	Login ID = 50026-83-06	3	N		1.10	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.66	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.66	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.74	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.86	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.39	3.06		1	18.32	Login ID = 50026-83-06	3	N		9.63			
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.52	3.06		1	18.32	Login ID = 50026-83-06	3	N		0.61	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.66	6.12		1	18.32	Login ID = 50026-83-06	3	N		13.99	U		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.04	0.61		1	18.32	Login ID = 50026-83-06	3	N		13.48			
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.07	0.61		1	18.32	Login ID = 50026-83-06	3	N		50.01	J		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.66	3.06		1	18.32	Login ID = 50026-83-06	3	N		62.70	J		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.15	3.06		1	18.32	Login ID = 50026-83-06	3	N		3.98	UJ		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.65	3.06		1	18.32	Login ID = 50026-83-06	3	N		37.85	J		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	0.22	3.06		1	18.32	Login ID = 50026-83-06	3	N		12.53	UJ		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	1.45	3.06		1	18.32	Login ID = 50026-83-06	3	N		20.23	J		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B	2.05	3.06		1	18.32	Login ID = 50026-83-06	3	N		51.69	J		
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	13-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					
MAP-SD-3005-0005-01	6-May-05	MOD 1613B				1	18.32	Login ID = 50026-83-06	3	N					

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LPX-SD-4508-0000-0005 MS	DIOXIN	2,3,7,8-TCDD	LPX-SD-4508-0000-0005 MS	1746-01-6	0	-	PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4508-0000-0005 MS	40321-76-4	99		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4508-0000-0005 MS	39227-28-6	106		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4508-0000-0005 MS	57653-85-7	108		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4508-0000-0005 MS	19408-74-3	109		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0000-0005 MS	35822-46-9	147	-	PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	OCDD	LPX-SD-4508-0000-0005 MS	3268-87-9	449	-	PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	2,3,7,8-TCDF	LPX-SD-4508-0000-0005 MS	51207-31-9	103		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4508-0000-0005 MS	57117-41-6	106		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4508-0000-0005 MS	57117-31-4	106		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4508-0000-0005 MS	70648-26-9	99		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MS	57117-44-9	101		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4508-0000-0005 MS	72918-21-9	105		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MS	60851-34-5	103		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0000-0005 MS	67562-39-4	100		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0000-0005 MS	55673-89-7	96		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	OCDF	LPX-SD-4508-0000-0005 MS	39001-02-0	128	-	PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4508-0000-0005 MS	76523-40-5	80		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4508-0000-0005 MS	109719-79-1	88		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4508-0000-0005 MS	109719-80-4	86		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4508-0000-0005 MS	109719-81-5	84		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0000-0005 MS	109719-83-7	93		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-OCDD	LPX-SD-4508-0000-0005 MS	114423-97-1	101		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4508-0000-0005 MS	89059-46-1	58		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4508-0000-0005 MS	109719-77-9	87		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4508-0000-0005 MS	116843-02-8	88		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4508-0000-0005 MS	114423-98-2	90		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MS	116843-03-9	88		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4508-0000-0005 MS	116843-04-0	90		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MS	116843-05-1	90		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0000-0005 MS	116843-09-5	90		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0000-0005 MS	109719-94-0	90		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MS	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4508-0000-0005 MS	85508-50-5	104		PCT_REC		50971-11	BCO	50971-11-09	8-Apr-05	15-Apr-05

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL	CRQL	DIL	FACTOR	PCT_MOIST	COMMENT					
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	0.20	1.29			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	0.45	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	3.23	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	3.07	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	2.85	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	120.79	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	0.43	12.93			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	0.15	1.29			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	8.56	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	7.41	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	7.39	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	7.30	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	8.07	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	7.67	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	55.90	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	61.13	6.46			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B	0.71	12.93			1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			
LPX-SD-4508-0000-0005 MS	5-May-05	MOD 1613B					1	61.58	Login ID = 50026-80-23		3	MS			

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												SAMP_DATE	EXTR_DATE
LPX-SD-4508-0000-0005 MSD	DIOXIN	2,3,7,8-TCDD	LPX-SD-4508-0000-0005 MSD	1746-01-6	0	-	PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,7,8-PeCDD	LPX-SD-4508-0000-0005 MSD	40321-76-4	102		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,4,7,8-HxCDD	LPX-SD-4508-0000-0005 MSD	39227-28-6	104		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,6,7,8-HxCDD	LPX-SD-4508-0000-0005 MSD	57653-85-7	105		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,7,8,9-HxCDD	LPX-SD-4508-0000-0005 MSD	19408-74-3	106		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0000-0005 MSD	35822-46-9	133	-	PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	OCDD	LPX-SD-4508-0000-0005 MSD	3268-87-9	193	-	PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	2,3,7,8-TCDF	LPX-SD-4508-0000-0005 MSD	51207-31-9	107		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,7,8-PeCDF	LPX-SD-4508-0000-0005 MSD	57117-41-6	107		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	2,3,4,7,8-PeCDF	LPX-SD-4508-0000-0005 MSD	57117-31-4	109		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,4,7,8-HxCDF	LPX-SD-4508-0000-0005 MSD	70648-26-9	105		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MSD	57117-44-9	106		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,7,8,9-HxCDF	LPX-SD-4508-0000-0005 MSD	72918-21-9	109		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	2,3,4,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MSD	60851-34-5	109		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0000-0005 MSD	67562-39-4	124	-	PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0000-0005 MSD	55673-89-7	102		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	OCDF	LPX-SD-4508-0000-0005 MSD	39001-02-0	106		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-2,3,7,8-TCDD	LPX-SD-4508-0000-0005 MSD	76523-40-5	69		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,7,8-PeCDD	LPX-SD-4508-0000-0005 MSD	109719-79-1	84		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4508-0000-0005 MSD	109719-80-4	83		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4508-0000-0005 MSD	109719-81-5	88		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4508-0000-0005 MSD	109719-83-7	97		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-OCDD	LPX-SD-4508-0000-0005 MSD	114423-97-1	101		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-2,3,7,8-TCDF	LPX-SD-4508-0000-0005 MSD	89059-46-1	45		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,7,8-PeCDF	LPX-SD-4508-0000-0005 MSD	109719-77-9	79		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-2,3,4,7,8-PeCDF	LPX-SD-4508-0000-0005 MSD	116843-02-8	82		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4508-0000-0005 MSD	114423-98-2	82		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MSD	116843-03-9	82		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4508-0000-0005 MSD	116843-04-0	87		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4508-0000-0005 MSD	116843-05-1	84		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4508-0000-0005 MSD	116843-09-5	95		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4508-0000-0005 MSD	109719-94-0	95		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05
LPX-SD-4508-0000-0005 MSD	DIOXIN	37Cl-2,3,7,8-TCDD	LPX-SD-4508-0000-0005 MSD	85508-50-5	83		PCT_REC		50971-11	BCO	50971-11-17	8-Apr-05	15-Apr-05

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SAMPLE	ANALYZE_DATE	METHOD	MDL	RL	GROUP	DILUTION_FACTOR	PCT_MOISTURE	LOGIN_ID	SAMPLE_AMOUNT	QC_TYPE	FINAL_VOLUME	CLEANUP_ID	LAB_ID_COMMENT
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	0.14	1.29		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	0.36	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	4.83	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	4.71	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	4.30	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	141.31	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	1.12	12.91		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	1.07	1.29		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	6.60	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	5.63	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	7.47	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	7.14	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	7.54	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	7.47	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	59.82	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	65.56	6.46		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B	0.89	12.91		1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			
LPX-SD-4508-0000-0005 MSD	6-May-05	MOD 1613B				1	61.58	Login ID = 50026-80-23	3	MSD			

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50971-11-18	DIOXIN	2,3,7,8-TCDD	50971-11-18	1746-01-6	0.7		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,7,8-PeCDD	50971-11-18	40321-76-4	2.8		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,4,7,8-HxCDD	50971-11-18	39227-28-6	5.5		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,6,7,8-HxCDD	50971-11-18	57653-85-7	5.8		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,7,8,9-HxCDD	50971-11-18	19408-74-3	2.1		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,4,6,7,8-HpCDD	50971-11-18	35822-46-9	9.1		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	OCDD	50971-11-18	3268-87-9	19.3		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	2,3,7,8-TCDF	50971-11-18	51207-31-9	5.2		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,7,8-PeCDF	50971-11-18	57117-41-6	10.0		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	2,3,4,7,8-PeCDF	50971-11-18	57117-31-4	7.5		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,4,7,8-HxCDF	50971-11-18	70648-26-9	7.3		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,6,7,8-HxCDF	50971-11-18	57117-44-9	1.6		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,7,8,9-HxCDF	50971-11-18	72918-21-9	84.9	-	PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	2,3,4,6,7,8-HxCDF	50971-11-18	60851-34-5	13.0		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,4,6,7,8-HpCDF	50971-11-18	67562-39-4	11.0		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	1,2,3,4,7,8,9-HpCDF	50971-11-18	55673-89-7	11.9		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	OCDF	50971-11-18	39001-02-0	5.6		PCT_DIFF		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-2,3,7,8-TCDD	50971-11-18	76523-40-5	69		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,7,8-PeCDD	50971-11-18	109719-79-1	75		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,4,7,8-HxCDD	50971-11-18	109719-80-4	76		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,6,7,8-HxCDD	50971-11-18	109719-81-5	75		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	50971-11-18	109719-83-7	84		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-OCDD	50971-11-18	114423-97-1	90		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-2,3,7,8-TCDF	50971-11-18	89059-46-1	61		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,7,8-PeCDF	50971-11-18	109719-77-9	73		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-2,3,4,7,8-PeCDF	50971-11-18	116843-02-8	76		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,4,7,8-HxCDF	50971-11-18	114423-98-2	78		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,6,7,8-HxCDF	50971-11-18	116843-03-9	75		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,7,8,9-HxCDF	50971-11-18	116843-04-0	78		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-2,3,4,6,7,8-HxCDF	50971-11-18	116843-05-1	76		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	50971-11-18	116843-09-5	85		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	50971-11-18	109719-94-0	86		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05
50971-11-18	DIOXIN	37Cl-2,3,7,8-TCDD	50971-11-18	85508-50-5	93		PCT_REC		50971-11	BCO	50971-11-18	15-Apr-05

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[illegible]	ANALYSIS_DATE	METHOD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VALID_COMMENT
50971-11-18	6-May-05	MOD 1613B	0.20	1.02		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	1.12	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	4.62	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	4.54	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	4.14	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	63.64	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	4.24	10.24		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	0.25	1.02		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	18.32	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	15.36	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	52.86	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	53.23	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	56.61	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	53.74	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	134.50	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	142.78	5.12		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B	1.86	10.24		1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					
50971-11-18	6-May-05	MOD 1613B				1	2.93	Login ID = 50095-55-05	3	SRM					

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											DATE	EXTR_DATE
50971-11-19	DIOXIN	2,3,7,8-TCDD	50971-11-19	1746-01-6	115		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,7,8-PeCDD	50971-11-19	40321-76-4	106		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,4,7,8-HxCDD	50971-11-19	39227-28-6	107		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,6,7,8-HxCDD	50971-11-19	57653-85-7	113		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,7,8,9-HxCDD	50971-11-19	19408-74-3	126		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,4,6,7,8-HpCDD	50971-11-19	35822-46-9	106		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	OCDD	50971-11-19	3268-87-9	104		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	2,3,7,8-TCDF	50971-11-19	51207-31-9	109		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,7,8-PeCDF	50971-11-19	57117-41-6	105		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	2,3,4,7,8-PeCDF	50971-11-19	57117-31-4	110		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,4,7,8-HxCDF	50971-11-19	70648-26-9	101		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,6,7,8-HxCDF	50971-11-19	57117-44-9	100		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,7,8,9-HxCDF	50971-11-19	72918-21-9	103		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	2,3,4,6,7,8-HxCDF	50971-11-19	60851-34-5	105		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,4,6,7,8-HpCDF	50971-11-19	67562-39-4	100		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	1,2,3,4,7,8,9-HpCDF	50971-11-19	55673-89-7	101		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	OCDF	50971-11-19	39001-02-0	106		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-2,3,7,8-TCDD	50971-11-19	76523-40-5	68		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,7,8-PeCDD	50971-11-19	109719-79-1	79		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,4,7,8-HxCDD	50971-11-19	109719-80-4	68		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,6,7,8-HxCDD	50971-11-19	109719-81-5	63		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,4,6,7,8-HpCDD	50971-11-19	109719-83-7	80		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-OCDD	50971-11-19	114423-97-1	84		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-2,3,7,8-TCDF	50971-11-19	89059-46-1	73		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,7,8-PeCDF	50971-11-19	109719-77-9	80		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-2,3,4,7,8-PeCDF	50971-11-19	116843-02-8	83		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,4,7,8-HxCDF	50971-11-19	114423-98-2	72		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,6,7,8-HxCDF	50971-11-19	116843-03-9	66		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,7,8,9-HxCDF	50971-11-19	116843-04-0	74		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-2,3,4,6,7,8-HxCDF	50971-11-19	116843-05-1	71		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,4,6,7,8-HpCDF	50971-11-19	116843-09-5	77		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	13C-1,2,3,4,7,8,9-HpCDF	50971-11-19	109719-94-0	88		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05
50971-11-19	DIOXIN	37Cl-2,3,7,8-TCDD	50971-11-19	85508-50-5	96		PCT_REC		50971-11	BCO	50971-11-19	15-Apr-05

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SAMPLE	ANALYSIS	METHOD			DILUTION FACTOR							VALID	COMMENT
50971-11-19	29-Apr-05	MOD 1613B	0.15	0.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.18	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.14	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.14	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.14	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.16	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.20	4.99		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.07	0.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.22	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.19	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.24	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.24	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.27	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.26	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.62	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.68	2.50		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B	0.22	4.99		1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			
50971-11-19	29-Apr-05	MOD 1613B				1		Login ID = 50171-49-02	3	LCS			

Section 2
PAH Results

PAH QA/QC SUMMARY
QC Batch 05-0122

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Polycyclic Aromatic Hydrocarbon (PAH)

LABORATORY: Battelle, Duxbury, MA

MATRIX: Sediment

SAMPLE CUSTODY: Sediment core samples were collected on March 30 and 31, 2005. Cores were transported to U.S. EPA in Narragansett, RI and stored refrigerated (upright) until processing. Core processing was conducted on April 4 and 5, 2005. Sub-samples were collected from various depth intervals according to the project QAPP (Battelle, 2005). Sub-samples were stored refrigerated during processing and were transported on ice to Battelle Duxbury on April 5, 2005. Upon arrival at Battelle Duxbury, samples were stored refrigerated, and then transferred to Laboratory Sample Custodian on April 6, 2005. Samples were logged in to the Laboratory Information Management System (LIMS) and assigned unique laboratory IDs. All samples were received in good condition and intact, although the temperature was not recorded upon login. However, the COCs indicate that samples had been stored refrigerated prior to transfer to the Laboratory Sample Custodian.

Selected archive samples from the May 2003 sediment investigation at Lyman Mill Pond were retrieved from frozen storage, brought to room temperature, and composites prepared according to the project QAPP (Battelle, 2005). Specifically,

- Samples LPX-SD-4204-0000-0010 and LPX-SD-4204-0030-0040 were composited; new sample ID is LPX-SD-4204-0000-0050 (indicating that sediment material is from the top ½ foot or the sediment core)
- Samples LPX-SD-4205-0000-0010 and LPX-SD-4205-0040-0050 were composited; new sample ID is LPX-SD-4205-0000-0050 (indicating that sediment material is from the top ½ foot of the sediment core)

Composite samples were transferred to the Laboratory Sample Custodian on April 7, 2005. Samples were logged in to the LIMS and assigned unique laboratory IDs. Samples were received intact and in good condition; although the temperature was not recorded upon receipt. However, the COC indicates that the composites had been stored refrigerated prior to transfer to the Laboratory Sample Custodian.

Among the 12 samples received for organic testing, 2 samples contained low solids content (<30%), even after centrifugation and decanting of the overlying water. Samples with low solids content (LPX-SD-4501-0000-0005 and LPX-SD-4205-0000-0050) were shipped to Battelle Marine Sciences Laboratory (MSL) in Sequim, WA on April 12, 2005. Samples were freeze-dried at MSL and returned to Battelle Duxbury on April 26, 2005. Samples were received intact and in good condition.

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PAH QA/QC SUMMARY
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QA/QC MEASUREMENT PERFORMANCE CRITERIA (MPC):

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM Percent Difference	MS/MSD Relative Precision	Achieved ssMDLs * (ng/g dry)	Project Goals ** (ng/g dry)
PAH	L-10 Battelle SOP 5-157	<5× ssRL[a]	40-125% Recovery	40-120% Recovery [b]	≤30% PD plus the 95% confidence level [c]	≤30% RPD [b]	Varies, ranged from 0.06 to 0.43	Varies – see Project QAPP

ssRL, sample-specific Reporting Limit; ssMDL, sample-specific Method Detection Limit; PD, Percent Difference; RPD, Relative Percent Difference.

[a] Associated sample concentrations should be >5× blank values.

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

[c] Using surrogate corrected data; certified values in SRM must be >5× ssMDL to be used for data quality assessment.

* Achieved detection limits reported here are from the associated procedural blank prepared with the samples.

** Project detection limit goals vary by analyte – see Worksheet #9b in the project QAPP (Battelle, 2005) for detection limit goals by analyte.

METHOD: Sediment samples were prepared and analyzed for PAH, PCB Aroclor and chlorinated pesticides following methods described in Battelle (2005). Briefly,

Sample Preparation – Samples were extracted for PAH, PCB Aroclors and chlorinated pesticides following Battelle Duxbury SOP 5-192. Briefly, 10 to 15 g of well-mixed, wet sediment material was weighed into an extraction vessel and spiked with the surrogate internal standard (SIS) compounds. For freeze-dried samples, a smaller sample size was used for extraction.

Samples were extracted three times with dichloromethane (DCM) using shaker techniques. The combined extract was dried over anhydrous sodium sulfate, reduced in volume and cleaned using alumina column, activated copper, and gel permeation chromatography High Performance Liquid Chromatography (GPC/HPLC) cleanup. The post-HPLC extract was concentrated under nitrogen to approximately 1 mL, fortified with recovery internal standard (RIS) compounds, and split for PAH and PCB/pesticide analyses.

PAH Analysis – Sample extracts were analyzed by gas chromatography/mass spectrometry (GC/MS; Hewlett Packard 6890 Series GC) in the selected ion-monitoring (SIM) mode using a 60-m DB5 column and helium as the carrier gas. A minimum of a six-point calibration curve was used for PAH analysis ranging from approximately 0.005 to 10 µg/mL. PAH were quantified by the method of internal standards using the RIS. Final data are reported on a nanogram per gram (ng/g) dry weight basis.

Data Reporting – Standard laboratory measurement performance criteria (MPC) used to evaluate laboratory QC results differed slightly in some cases from the MPC listed in Battelle (2005). Wherever the MPCs differed, the laboratory MPCs used to evaluate the sample data was more rigorous.

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PAH QA/QC SUMMARY
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HOLDING TIMES: All samples were extracted and analyzed within holding times, except the two archive samples (LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050) from the May 2003 sediment investigation. These archive samples had been stored frozen. Sample data are T qualified where appropriate.

Batch	Extraction Date	Analysis Date
05-0122	April 26, 2005	May 9-11, 2005

DETECTION LIMITS: PAH results are reported relative to the sample-specific method detection limits (ssMDL) and sample-specific reporting limits (ssRL) for that compound, as follows:

- Non-detects and values detected at a concentration below the ssMDL are reported as the ssMDL and U flagged.
- Compounds detected at a concentration above the ssMDL and below the ssRL are reported and J flagged.

Note that the ssMDL is the MDL for each compound determined from a seven replicate MDL study and adjusted for project specific sample sizes. The ssRL is based on the low calibration standard and adjusted for sample specific processing factors and volumes as described in the QAPP (Battelle, 2005).

Achieved ssMDLs met Project Action Goals (PAGs; Battelle, 2005) for all target compounds except benzo(a)pyrene. The achieved ssMDL for benzo(a)pyrene was approximately two times higher than the project goal (achieved 0.38 ng/g vs. goal of 0.18 ng/g). As noted in Battelle (2005), the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods.

BLANKS: One laboratory procedural blank (PB) was prepared with the samples. Blanks are analyzed to ensure that the sample extraction and analysis methods were free of contamination.

05-0122 – No exceedences.

PAH were undetected in the laboratory blank at levels above the ssRL. However, naphthalene, 2-methylnaphthalene, dibenzofuran, benzo(g,h,i)perylene, and benzaldehye were detected in the procedural blank at levels below the ssRL. Sample concentrations were well above the blank action limit (5× blank values), indicating that the sample data are useable.

LABORATORY CONTROL SAMPLE Two laboratory control samples (LCS) were prepared with the sediment samples. One LCS sample was fortified with PAH, PCB congeners and chlorinated pesticides. The other LCS was fortified with PCB Aroclor 1248. The percent recoveries of PAH in LCS#1 were calculated to measure data quality in terms of accuracy.

05-0122 – No exceedences.

The percent recovery of PAH in the LCS met the MPC, and ranged from 61% to 85%.

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PAH QA/QC SUMMARY
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MATRIX SPIKES: One matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with the sediment samples to measure data quality in terms of accuracy and precision. The percent recoveries of PAH were calculated to measure data quality in terms of accuracy. The RPD between the percent recoveries in the MS/MSD were calculated to measure data quality in terms of precision.

05-0122 – No exceedences.

The percent recoveries of PAH in the MS/MSD and RPDs between percent recoveries of PAH in the MS/MSD met the MPC. Fluoranthene was recovered at 34% and 33% in the MS and MSD, respectively. However, the concentration of fluoranthene in the MS/MSD was less than 5× the background concentration, thereby meeting contingency criteria.

Recoveries and RPDs ranged from:

	PAH
MS	34 – 79%
MSD	33 – 83%
RPDs	0 – 12.8%

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).

05-0122 – No exceedences.

All PAH surrogate recoveries met the MPC.

SRM: A standard reference material (SRM, NIST 1944) was prepared with the sediment samples. The percent difference (PD) between detected concentrations and the certified values was calculated to measure data quality in terms of accuracy.

05-0122 – No exceedences.

The percent difference between measured and certified values for PAH ranged from 0.5% to 28.8%.

REFERENCES: Battelle 2005. *Centredale Manor Tasks 19–22 Quality Assurance Project Plan – Addendum 3*. Tasks 19-22 QAPP Addendum 3 prepared under contract to USACE NAE. March 10, 2005. 182 pg plus appendices.

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
BG194PB-P	OS	Naphthalene	BG194PB-P	91-20-3	0.91	J	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	2-Methylnaphthalene	BG194PB-P	91-57-6	0.52	J	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Acenaphthylene	BG194PB-P	208-96-8	0.11	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Acenaphthene	BG194PB-P	83-32-9	0.23	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Biphenyl	BG194PB-P	92-52-4	0.23	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Dibenzofuran	BG194PB-P	132-64-9	0.1	J	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Fluorene	BG194PB-P	86-73-7	0.15	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Phenanthrene	BG194PB-P	85-01-8	0.2	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Anthracene	BG194PB-P	120-12-7	0.15	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Fluoranthene	BG194PB-P	206-44-0	0.37	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Pyrene	BG194PB-P	129-00-0	0.38	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Benzo(a)anthracene	BG194PB-P	56-55-3	0.3	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Chrysene	BG194PB-P	218-01-9	0.23	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Benzo(b)fluoranthene	BG194PB-P	205-99-2	0.28	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Benzo(k)fluoranthene	BG194PB-P	207-08-9	0.43	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Benzo(a)pyrene	BG194PB-P	50-32-8	0.38	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Indeno(1,2,3-cd)pyrene	BG194PB-P	193-39-5	0.12	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Dibenz(a,h)anthracene	BG194PB-P	53-70-3	0.16	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Benzo(g,h,i)perylene	BG194PB-P	191-24-2	0.27	J	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Benzaldehyde	BG194PB-P	100-52-7	9.77	J	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Naphthalene-d8	BG194PB-P	1146-65-2	81		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Phenanthrene-d10	BG194PB-P	1517-22-2	76		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	OS	Chrysene-d12	BG194PB-P	1719-03-5	89		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG195LCS-P	OS	Naphthalene	BG195LCS-P	91-20-3	62		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	2-Methylnaphthalene	BG195LCS-P	91-57-6	69		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Acenaphthylene	BG195LCS-P	208-96-8	61		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Acenaphthene	BG195LCS-P	83-32-9	65		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Biphenyl	BG195LCS-P	92-52-4	64		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Dibenzofuran	BG195LCS-P	132-64-9	65		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Fluorene	BG195LCS-P	86-73-7	65		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Phenanthrene	BG195LCS-P	85-01-8	64		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Anthracene	BG195LCS-P	120-12-7	65		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Fluoranthene	BG195LCS-P	206-44-0	69		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Pyrene	BG195LCS-P	129-00-0	69		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Benzo(a)anthracene	BG195LCS-P	56-55-3	68		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Chrysene	BG195LCS-P	218-01-9	71		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Benzo(b)fluoranthene	BG195LCS-P	205-99-2	70		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Benzo(k)fluoranthene	BG195LCS-P	207-08-9	84		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Benzo(a)pyrene	BG195LCS-P	50-32-8	73		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Indeno(1,2,3-cd)pyrene	BG195LCS-P	193-39-5	78		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Dibenz(a,h)anthracene	BG195LCS-P	53-70-3	85		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Benzo(g,h,i)perylene	BG195LCS-P	191-24-2	78		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Naphthalene-d8	BG195LCS-P	1146-65-2	72		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Phenanthrene-d10	BG195LCS-P	1517-22-2	71		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	OS	Chrysene-d12	BG195LCS-P	1719-03-5	86		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG197SRM-P	OS	Naphthalene	BG197SRM-P	91-20-3	17.6		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Phenanthrene	BG197SRM-P	85-01-8	11		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Anthracene	BG197SRM-P	120-12-7	28.8		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Fluoranthene	BG197SRM-P	206-44-0	16.4		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Pyrene	BG197SRM-P	129-00-0	21.1		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Benzo(a)anthracene	BG197SRM-P	56-55-3	25.9		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Chrysene	BG197SRM-P	218-01-9	19.9		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Benzo(b)fluoranthene	BG197SRM-P	205-99-2	18		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Benzo(k)fluoranthene	BG197SRM-P	207-08-9	10.3		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Benzo(a)pyrene	BG197SRM-P	50-32-8	23.9		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Indeno(1,2,3-cd)pyrene	BG197SRM-P	193-39-5	0.5		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Dibenz(a,h)anthracene	BG197SRM-P	53-70-3	11.8		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05

Filename: 05-0122EDD_PAH_rev1validated.XLS

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ANAL DATE	METHOD	MDL	RDL								
05/09/05	BATD5-157	0.32	1.5		1.7	53.1	3	PB	0.91	J	
05/09/05	BATD5-157	0.06	1.5		1.7	53.1	3	PB	0.52	J	
05/09/05	BATD5-157	0.11	1.5		1.7	53.1	3	PB	0.11	U	
05/09/05	BATD5-157	0.23	1.5		1.7	53.1	3	PB	0.23	U	
05/09/05	BATD5-157	0.23	1.5		1.7	53.1	3	PB	0.23	U	
05/09/05	BATD5-157	0.1	1.5		1.7	53.1	3	PB	0.1	J	
05/09/05	BATD5-157	0.15	1.5		1.7	53.1	3	PB	0.15	U	
05/09/05	BATD5-157	0.2	1.5		1.7	53.1	3	PB	0.2	U	
05/09/05	BATD5-157	0.15	1.5		1.7	53.1	3	PB	0.15	U	
05/09/05	BATD5-157	0.37	1.5		1.7	53.1	3	PB	0.37	U	
05/09/05	BATD5-157	0.38	3		1.7	53.1	3	PB	0.38	U	
05/09/05	BATD5-157	0.3	1.5		1.7	53.1	3	PB	0.3	U	
05/09/05	BATD5-157	0.23	1.5		1.7	53.1	3	PB	0.23	U	
05/09/05	BATD5-157	0.28	1.5		1.7	53.1	3	PB	0.28	U	
05/09/05	BATD5-157	0.43	3		1.7	53.1	3	PB	0.43	U	
05/09/05	BATD5-157	0.38	1.5		1.7	53.1	3	PB	0.38	U	
05/09/05	BATD5-157	0.12	1.5		1.7	53.1	3	PB	0.12	U	
05/09/05	BATD5-157	0.16	1.5		1.7	53.1	3	PB	0.16	U	
05/09/05	BATD5-157	0.1	7.51		1.7	53.1	3	PB	0.27	J	
05/09/05	BATD5-157		23.41		1.7	53.1	3	PB	9.77	J	
05/09/05	BATD5-157				1.7	53.1	3	PB	81		
05/09/05	BATD5-157				1.7	53.1	3	PB	76		
05/09/05	BATD5-157				1.7	53.1	3	PB	89		
05/09/05	BATD5-157				1.7	0	3	LCS	62		
05/09/05	BATD5-157				1.7	0	3	LCS	69		
05/09/05	BATD5-157				1.7	0	3	LCS	61		
05/09/05	BATD5-157				1.7	0	3	LCS	65		
05/09/05	BATD5-157				1.7	0	3	LCS	64		
05/09/05	BATD5-157				1.7	0	3	LCS	65		
05/09/05	BATD5-157				1.7	0	3	LCS	65		
05/09/05	BATD5-157				1.7	0	3	LCS	64		
05/09/05	BATD5-157				1.7	0	3	LCS	65		
05/09/05	BATD5-157				1.7	0	3	LCS	69		
05/09/05	BATD5-157				1.7	0	3	LCS	69		
05/09/05	BATD5-157				1.7	0	3	LCS	68		
05/09/05	BATD5-157				1.7	0	3	LCS	71		
05/09/05	BATD5-157				1.7	0	3	LCS	70		
05/09/05	BATD5-157				1.7	0	3	LCS	84		
05/09/05	BATD5-157				1.7	0	3	LCS	73		
05/09/05	BATD5-157				1.7	0	3	LCS	78		
05/09/05	BATD5-157				1.7	0	3	LCS	85		
05/09/05	BATD5-157				1.7	0	3	LCS	78		
05/09/05	BATD5-157				1.7	0	3	LCS	72		
05/09/05	BATD5-157				1.7	0	3	LCS	71		
05/09/05	BATD5-157				1.7	0	3	LCS	86		
05/10/05	BATD5-157				1.7	1.3	3	SRM	17.6		
05/10/05	BATD5-157				1.7	1.3	3	SRM	11		
05/10/05	BATD5-157				1.7	1.3	3	SRM	28.8		
05/10/05	BATD5-157				1.7	1.3	3	SRM	16.4		
05/10/05	BATD5-157				1.7	1.3	3	SRM	21.1		
05/10/05	BATD5-157				1.7	1.3	3	SRM	25.9		
05/10/05	BATD5-157				1.7	1.3	3	SRM	19.9		
05/10/05	BATD5-157				1.7	1.3	3	SRM	18		
05/10/05	BATD5-157				1.7	1.3	3	SRM	10.3		
05/10/05	BATD5-157				1.7	1.3	3	SRM	23.9		
05/10/05	BATD5-157				1.7	1.3	3	SRM	0.5		
05/10/05	BATD5-157				1.7	1.3	3	SRM	11.8		

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SAMPLE	CLASS			CAS									
BG197SRM-P	OS	Benzo(g,h,i)perylene	BG197SRM-P	191-24-2	5.9		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Naphthalene-d8	BG197SRM-P	1146-65-2	65		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Phenanthrene-d10	BG197SRM-P	1517-22-2	69		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	OS	Chrysene-d12	BG197SRM-P	1719-03-5	78		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
LPX-SD-4502-0000-0005	OS	Naphthalene	LPX-SD-4502-0000-0005	91-20-3	90.24		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4502-0000-0005	91-57-6	57.06		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Acenaphthylene	LPX-SD-4502-0000-0005	208-96-8	173.5		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Acenaphthene	LPX-SD-4502-0000-0005	83-32-9	70.83		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Biphenyl	LPX-SD-4502-0000-0005	92-52-4	29.35		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Dibenzofuran	LPX-SD-4502-0000-0005	132-64-9	72		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Fluorene	LPX-SD-4502-0000-0005	86-73-7	124.34		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Phenanthrene	LPX-SD-4502-0000-0005	85-01-8	1227.5		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Anthracene	LPX-SD-4502-0000-0005	120-12-7	242.61		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Fluoranthene	LPX-SD-4502-0000-0005	206-44-0	3436	D	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Pyrene	LPX-SD-4502-0000-0005	129-00-0	2864.77	D	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4502-0000-0005	56-55-3	1196.39		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Chrysene	LPX-SD-4502-0000-0005	218-01-9	2340.19	D	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4502-0000-0005	205-99-2	2264.47	D	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4502-0000-0005	207-08-9	2216.84		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4502-0000-0005	50-32-8	1928.66		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4502-0000-0005	193-39-5	2038.85		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4502-0000-0005	53-70-3	492.39		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4502-0000-0005	191-24-2	1771.41		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Benzaldehyde	LPX-SD-4502-0000-0005	100-52-7	132.46		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Naphthalene-d8	LPX-SD-4502-0000-0005	1146-65-2	59		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Phenanthrene-d10	LPX-SD-4502-0000-0005	1517-22-2	62		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	OS	Chrysene-d12	LPX-SD-4502-0000-0005	1719-03-5	66		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Naphthalene	LPX-SD-4503-0000-0005	91-20-3	123.53		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4503-0000-0005	91-57-6	84.95		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Acenaphthylene	LPX-SD-4503-0000-0005	208-96-8	268.79		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Acenaphthene	LPX-SD-4503-0000-0005	83-32-9	95.8		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Biphenyl	LPX-SD-4503-0000-0005	92-52-4	45.11		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Dibenzofuran	LPX-SD-4503-0000-0005	132-64-9	99.9		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Fluorene	LPX-SD-4503-0000-0005	86-73-7	170.01		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Phenanthrene	LPX-SD-4503-0000-0005	85-01-8	1754.98		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Anthracene	LPX-SD-4503-0000-0005	120-12-7	354.99		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Fluoranthene	LPX-SD-4503-0000-0005	206-44-0	4379.47	D	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Pyrene	LPX-SD-4503-0000-0005	129-00-0	3762.57	D	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4503-0000-0005	56-55-3	1747.8		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Chrysene	LPX-SD-4503-0000-0005	218-01-9	2950.02		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4503-0000-0005	205-99-2	3237.47		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4503-0000-0005	207-08-9	3200.08		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4503-0000-0005	50-32-8	2838.32		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4503-0000-0005	193-39-5	2877.35		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4503-0000-0005	53-70-3	725.08		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4503-0000-0005	191-24-2	2584.02		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Benzaldehyde	LPX-SD-4503-0000-0005	100-52-7	139.13		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Naphthalene-d8	LPX-SD-4503-0000-0005	1146-65-2	66		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Phenanthrene-d10	LPX-SD-4503-0000-0005	1517-22-2	75		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	OS	Chrysene-d12	LPX-SD-4503-0000-0005	1719-03-5	84		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Naphthalene	LPX-SD-4504-0000-0005	91-20-3	137.09		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4504-0000-0005	91-57-6	89.62		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Acenaphthylene	LPX-SD-4504-0000-0005	208-96-8	270.39		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Acenaphthene	LPX-SD-4504-0000-0005	83-32-9	119.09		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Biphenyl	LPX-SD-4504-0000-0005	92-52-4	51.18		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Dibenzofuran	LPX-SD-4504-0000-0005	132-64-9	117.99		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Fluorene	LPX-SD-4504-0000-0005	86-73-7	208.47		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05

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ANALYSIS_DATE	METHOD	MDL	IDL	ORDER	CROSS	DILUTION_FACTOR	PERCENT_MOISTURE	REVIEW_FLAG	TEST_CODE	TEST_RESULT	FINAL_FLAG	VALIDATOR_QUALIFIER
05/10/05	BATD5-157				1.7	1.3	3	SRM		5.9		
05/10/05	BATD5-157				1.7	1.3	3	SRM		65		
05/10/05	BATD5-157				1.7	1.3	3	SRM		69		
05/10/05	BATD5-157				1.7	1.3	3	SRM		78		
05/10/05	BATD5-157	0.31	1.45		1.7	61.9	3	N		90.24		
05/10/05	BATD5-157	0.06	1.45		1.7	61.9	3	N		57.06		
05/10/05	BATD5-157	0.1	1.45		1.7	61.9	3	N		173.5		
05/10/05	BATD5-157	0.22	1.45		1.7	61.9	3	N		70.83		
05/10/05	BATD5-157	0.22	1.45		1.7	61.9	3	N		29.35		
05/10/05	BATD5-157	0.09	1.45		1.7	61.9	3	N		72		
05/10/05	BATD5-157	0.14	1.45		1.7	61.9	3	N		124.34		
05/10/05	BATD5-157	0.19	1.45		1.7	61.9	3	N		1227.5		
05/10/05	BATD5-157	0.14	1.45		1.7	61.9	3	N		242.61		
05/10/05	BATD5-157	1.77	1.45		8.3	61.9	3	N		3436		
05/10/05	BATD5-157	1.84	2.89		8.3	61.9	3	N		2864.77		
05/10/05	BATD5-157	0.29	1.45		1.7	61.9	3	N		1196.39		
05/10/05	BATD5-157	1.11	1.45		8.3	61.9	3	N		2340.19		
05/10/05	BATD5-157	1.35	1.45		8.3	61.9	3	N		2264.47		
05/10/05	BATD5-157	0.42	2.89		1.7	61.9	3	N		2216.84		
05/10/05	BATD5-157	0.36	1.45		1.7	61.9	3	N		1928.66		
05/10/05	BATD5-157	0.11	1.45		1.7	61.9	3	N		2038.85		
05/10/05	BATD5-157	0.15	1.45		1.7	61.9	3	N		492.39		
05/10/05	BATD5-157	0.1	7.25		1.7	61.9	3	N		1771.41		
05/10/05	BATD5-157		22.6		1.7	61.9	3	N		132.46		
05/10/05	BATD5-157				1.7	61.9	3	N		59		
05/10/05	BATD5-157				1.7	61.9	3	N		62		
05/10/05	BATD5-157				1.7	61.9	3	N		66		
05/10/05	BATD5-157	0.52	2.43		1.7	64.8	3	N		123.53		
05/10/05	BATD5-157	0.1	2.42		1.7	64.8	3	N		84.95		
05/10/05	BATD5-157	0.18	2.43		1.7	64.8	3	N		268.79		
05/10/05	BATD5-157	0.37	2.43		1.7	64.8	3	N		95.8		
05/10/05	BATD5-157	0.38	2.42		1.7	64.8	3	N		45.11		
05/10/05	BATD5-157	0.16	2.42		1.7	64.8	3	N		99.9		
05/10/05	BATD5-157	0.24	2.43		1.7	64.8	3	N		170.01		
05/10/05	BATD5-157	0.32	2.43		1.7	64.8	3	N		1754.98		
05/10/05	BATD5-157	0.24	2.43		1.7	64.8	3	N		354.99		
05/10/05	BATD5-157	2.96	2.43		8.3	64.8	3	N		4379.47		
05/10/05	BATD5-157	3.08	4.84		8.3	64.8	3	N		3762.57		
05/10/05	BATD5-157	0.49	2.43		1.7	64.8	3	N		1747.8		
05/10/05	BATD5-157	0.37	2.43		1.7	64.8	3	N		2950.02		
05/10/05	BATD5-157	0.45	2.43		1.7	64.8	3	N		3237.47		
05/10/05	BATD5-157	0.7	4.84		1.7	64.8	3	N		3200.08		
05/10/05	BATD5-157	0.61	2.43		1.7	64.8	3	N		2838.32		
05/10/05	BATD5-157	0.19	2.43		1.7	64.8	3	N		2877.35		
05/10/05	BATD5-157	0.25	2.43		1.7	64.8	3	N		725.08		
05/10/05	BATD5-157	0.17	12.13		1.7	64.8	3	N		2584.02		
05/10/05	BATD5-157		37.8		1.7	64.8	3	N		139.13		
05/10/05	BATD5-157				1.7	64.8	3	N		66		
05/10/05	BATD5-157				1.7	64.8	3	N		75		
05/10/05	BATD5-157				1.7	64.8	3	N		84		
05/10/05	BATD5-157	0.4	1.87		1.7	69.4	3	N		137.09		
05/10/05	BATD5-157	0.08	1.86		1.7	69.4	3	N		89.62		
05/10/05	BATD5-157	0.14	1.87		1.7	69.4	3	N		270.39		
05/10/05	BATD5-157	0.29	1.87		1.7	69.4	3	N		119.09		
05/10/05	BATD5-157	0.29	1.86		1.7	69.4	3	N		51.18		
05/10/05	BATD5-157	0.12	1.86		1.7	69.4	3	N		117.99		
05/10/05	BATD5-157	0.19	1.87		1.7	69.4	3	N		208.47		

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LPX-SD-4504-0000-0005	OS	Phenanthrene	LPX-SD-4504-0000-0005	85-01-8	2128.61		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Anthracene	LPX-SD-4504-0000-0005	120-12-7	414.48		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Fluoranthene	LPX-SD-4504-0000-0005	206-44-0	5064.86	D	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Pyrene	LPX-SD-4504-0000-0005	129-00-0	4256.5	D	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4504-0000-0005	56-55-3	1919.08		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Chrysene	LPX-SD-4504-0000-0005	218-01-9	3402.01	D	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4504-0000-0005	205-99-2	3484.42	D	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4504-0000-0005	207-08-9	3610.39		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4504-0000-0005	50-32-8	3075.13		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4504-0000-0005	193-39-5	3102.93	D	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4504-0000-0005	53-70-3	806.3		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4504-0000-0005	191-24-2	2818.5		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Benzaldehyde	LPX-SD-4504-0000-0005	100-52-7	215.51		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Naphthalene-d8	LPX-SD-4504-0000-0005	1146-65-2	64		PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Phenanthrene-d10	LPX-SD-4504-0000-0005	1517-22-2	70		PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	OS	Chrysene-d12	LPX-SD-4504-0000-0005	1719-03-5	77		PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Naphthalene	LPX-SD-4505-0000-0005	91-20-3	138.06		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4505-0000-0005	91-57-6	91.56		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Acenaphthylene	LPX-SD-4505-0000-0005	208-96-8	281.39		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Acenaphthene	LPX-SD-4505-0000-0005	83-32-9	111.11		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Biphenyl	LPX-SD-4505-0000-0005	92-52-4	48.32		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Dibenzofuran	LPX-SD-4505-0000-0005	132-64-9	105.07		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Fluorene	LPX-SD-4505-0000-0005	86-73-7	190.25		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Phenanthrene	LPX-SD-4505-0000-0005	85-01-8	1752.64		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Anthracene	LPX-SD-4505-0000-0005	120-12-7	385.13		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Fluoranthene	LPX-SD-4505-0000-0005	206-44-0	4251.33	D	NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Pyrene	LPX-SD-4505-0000-0005	129-00-0	3576.05	D	NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4505-0000-0005	56-55-3	1664.94		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Chrysene	LPX-SD-4505-0000-0005	218-01-9	2836.53	D	NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4505-0000-0005	205-99-2	2875.86	D	NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4505-0000-0005	207-08-9	3137.83		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4505-0000-0005	50-32-8	2655.29		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4505-0000-0005	193-39-5	2783.81		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4505-0000-0005	53-70-3	703.14		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4505-0000-0005	191-24-2	2392.59		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Benzaldehyde	LPX-SD-4505-0000-0005	100-52-7	233.7		NG/G_DRY		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Naphthalene-d8	LPX-SD-4505-0000-0005	1146-65-2	68		PCT_REC		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Phenanthrene-d10	LPX-SD-4505-0000-0005	1517-22-2	71		PCT_REC		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	OS	Chrysene-d12	LPX-SD-4505-0000-0005	1719-03-5	79		PCT_REC		05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Naphthalene	LPX-SD-4506-0000-0005	91-20-3	110.5		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4506-0000-0005	91-57-6	77.27		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Acenaphthylene	LPX-SD-4506-0000-0005	208-96-8	250.03		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Acenaphthene	LPX-SD-4506-0000-0005	83-32-9	95.37		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Biphenyl	LPX-SD-4506-0000-0005	92-52-4	50.04		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Dibenzofuran	LPX-SD-4506-0000-0005	132-64-9	94.63		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Fluorene	LPX-SD-4506-0000-0005	86-73-7	173.65		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Phenanthrene	LPX-SD-4506-0000-0005	85-01-8	1597.73		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Anthracene	LPX-SD-4506-0000-0005	120-12-7	356.88		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Fluoranthene	LPX-SD-4506-0000-0005	206-44-0	4083.77	D	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Pyrene	LPX-SD-4506-0000-0005	129-00-0	3489.03	D	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4506-0000-0005	56-55-3	1637.63		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Chrysene	LPX-SD-4506-0000-0005	218-01-9	2740.35	D	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4506-0000-0005	205-99-2	2616.39	D	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4506-0000-0005	207-08-9	2761.15		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4506-0000-0005	50-32-8	2477.65		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4506-0000-0005	193-39-5	2397.97		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4506-0000-0005	53-70-3	664.99		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05

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ANALYSDATE	METHOD	MDL	PQL		DILFACTOR	PCTMOIST	SDVNEG	LABTOCODE	FINALRESULT	FINALQUAL	PCTMOISTURE
05/10/05	BATD5-157	0.25	1.87		1.7	69.4	3	N	2128.61		
05/10/05	BATD5-157	0.19	1.87		1.7	69.4	3	N	414.48		
05/10/05	BATD5-157	2.28	1.87		8.3	69.4	3	N	5064.86		
05/10/05	BATD5-157	2.37	3.73		8.3	69.4	3	N	4256.5		
05/10/05	BATD5-157	0.38	1.87		1.7	69.4	3	N	1919.08		
05/10/05	BATD5-157	1.42	1.87		8.3	69.4	3	N	3402.01		
05/10/05	BATD5-157	1.74	1.87		8.3	69.4	3	N	3484.42		
05/10/05	BATD5-157	0.54	3.73		1.7	69.4	3	N	3610.39		
05/10/05	BATD5-157	0.47	1.87		1.7	69.4	3	N	3075.13		
05/10/05	BATD5-157	0.73	1.87		8.3	69.4	3	N	3102.93		
05/10/05	BATD5-157	0.2	1.87		1.7	69.4	3	N	806.3		
05/10/05	BATD5-157	0.13	9.34		1.7	69.4	3	N	2818.5		
05/10/05	BATD5-157		29.11		1.7	69.4	3	N	215.51		
05/10/05	BATD5-157				1.7	69.4	3	N	64		
05/10/05	BATD5-157				1.7	69.4	3	N	70		
05/10/05	BATD5-157				1.7	69.4	3	N	77		
05/10/05	BATD5-157	0.35	1.63		1.7	65.7	3	N	138.06		
05/10/05	BATD5-157	0.07	1.63		1.7	65.7	3	N	91.56		
05/10/05	BATD5-157	0.12	1.63		1.7	65.7	3	N	281.39		
05/10/05	BATD5-157	0.25	1.63		1.7	65.7	3	N	111.11		
05/10/05	BATD5-157	0.25	1.63		1.7	65.7	3	N	48.32		
05/10/05	BATD5-157	0.11	1.63		1.7	65.7	3	N	105.07		
05/10/05	BATD5-157	0.16	1.63		1.7	65.7	3	N	190.25		
05/10/05	BATD5-157	0.22	1.63		1.7	65.7	3	N	1752.64		
05/10/05	BATD5-157	0.16	1.63		1.7	65.7	3	N	385.13		
05/10/05	BATD5-157	2	1.63		8.3	65.7	3	N	4251.33		
05/10/05	BATD5-157	2.08	3.26		8.3	65.7	3	N	3576.05		
05/10/05	BATD5-157	0.33	1.63		1.7	65.7	3	N	1664.94		
05/10/05	BATD5-157	1.25	1.63		8.3	65.7	3	N	2836.53		
05/10/05	BATD5-157	1.52	1.63		8.3	65.7	3	N	2875.86		
05/10/05	BATD5-157	0.47	3.26		1.7	65.7	3	N	3137.83		
05/10/05	BATD5-157	0.41	1.63		1.7	65.7	3	N	2655.29		
05/10/05	BATD5-157	0.13	1.63		1.7	65.7	3	N	2783.81		
05/10/05	BATD5-157	0.17	1.63		1.7	65.7	3	N	703.14		
05/10/05	BATD5-157	0.11	8.17		1.7	65.7	3	N	2392.59		
05/10/05	BATD5-157		25.47		1.7	65.7	3	N	233.7		
05/10/05	BATD5-157				1.7	65.7	3	N	66		
05/10/05	BATD5-157				1.7	65.7	3	N	71		
05/10/05	BATD5-157				1.7	65.7	3	N	79		
05/10/05	BATD5-157	0.34	1.58		1.7	64.8	3	N	110.5		
05/10/05	BATD5-157	0.07	1.58		1.7	64.8	3	N	77.27		
05/10/05	BATD5-157	0.11	1.58		1.7	64.8	3	N	250.03		
05/10/05	BATD5-157	0.24	1.58		1.7	64.8	3	N	95.37		
05/10/05	BATD5-157	0.25	1.58		1.7	64.8	3	N	50.04		
05/10/05	BATD5-157	0.1	1.58		1.7	64.8	3	N	94.63		
05/10/05	BATD5-157	0.16	1.58		1.7	64.8	3	N	173.65		
05/10/05	BATD5-157	0.21	1.58		1.7	64.8	3	N	1597.73		
05/10/05	BATD5-157	0.16	1.58		1.7	64.8	3	N	356.88		
05/10/05	BATD5-157	1.93	1.58		8.3	64.8	3	N	4083.77		
05/10/05	BATD5-157	2.01	3.16		8.3	64.8	3	N	3489.03		
05/10/05	BATD5-157	0.32	1.58		1.7	64.8	3	N	1637.63		
05/10/05	BATD5-157	1.21	1.58		8.3	64.8	3	N	2740.35		
05/10/05	BATD5-157	1.47	1.58		8.3	64.8	3	N	2616.39		
05/10/05	BATD5-157	0.46	3.16		1.7	64.8	3	N	2761.15		
05/10/05	BATD5-157	0.4	1.58		1.7	64.8	3	N	2477.65		
05/10/05	BATD5-157	0.12	1.58		1.7	64.8	3	N	2397.97		
05/10/05	BATD5-157	0.17	1.58		1.7	64.8	3	N	664.99		

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LPX-SD-4506-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4506-0000-0005	191-24-2	2180.72		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Benzaldehyde	LPX-SD-4506-0000-0005	100-52-7	103.61		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Naphthalene-d8	LPX-SD-4506-0000-0005	1146-65-2	61		PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Phenanthrene-d10	LPX-SD-4506-0000-0005	1517-22-2	72		PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	OS	Chrysene-d12	LPX-SD-4506-0000-0005	1719-03-5	81		PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Naphthalene	LPX-SD-4507-0000-0005	91-20-3	91.49		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4507-0000-0005	91-57-6	53.94		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Acenaphthylene	LPX-SD-4507-0000-0005	208-96-8	161.99		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Acenaphthene	LPX-SD-4507-0000-0005	83-32-9	70.64		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Biphenyl	LPX-SD-4507-0000-0005	92-52-4	27.34		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Dibenzofuran	LPX-SD-4507-0000-0005	132-64-9	68.21		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Fluorene	LPX-SD-4507-0000-0005	86-73-7	122.92		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Phenanthrene	LPX-SD-4507-0000-0005	85-01-8	1180.53		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Anthracene	LPX-SD-4507-0000-0005	120-12-7	246.22		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Fluoranthene	LPX-SD-4507-0000-0005	206-44-0	3119.08	D	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Pyrene	LPX-SD-4507-0000-0005	129-00-0	2613.19	D	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4507-0000-0005	56-55-3	1153.26		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Chrysene	LPX-SD-4507-0000-0005	218-01-9	1926.67		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4507-0000-0005	205-99-2	1923.73	D	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4507-0000-0005	207-08-9	2053.31		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4507-0000-0005	50-32-8	1855.61		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4507-0000-0005	193-39-5	1952.91		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4507-0000-0005	53-70-3	483.3		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4507-0000-0005	191-24-2	1696.05		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Benzaldehyde	LPX-SD-4507-0000-0005	100-52-7	124.46		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Naphthalene-d8	LPX-SD-4507-0000-0005	1146-65-2	66		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Phenanthrene-d10	LPX-SD-4507-0000-0005	1517-22-2	70		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	OS	Chrysene-d12	LPX-SD-4507-0000-0005	1719-03-5	78		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Naphthalene	LPX-SD-4508-0000-0005	91-20-3	122.39		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4508-0000-0005	91-57-6	70.88		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Acenaphthylene	LPX-SD-4508-0000-0005	208-96-8	273.34		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Acenaphthene	LPX-SD-4508-0000-0005	83-32-9	215.36		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Biphenyl	LPX-SD-4508-0000-0005	92-52-4	29.57		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Dibenzofuran	LPX-SD-4508-0000-0005	132-64-9	177.97		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Fluorene	LPX-SD-4508-0000-0005	86-73-7	382.83		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Phenanthrene	LPX-SD-4508-0000-0005	85-01-8	4852.12	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Anthracene	LPX-SD-4508-0000-0005	120-12-7	576.92		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Fluoranthene	LPX-SD-4508-0000-0005	206-44-0	10137.89	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Pyrene	LPX-SD-4508-0000-0005	129-00-0	7831.93	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4508-0000-0005	56-55-3	3282.55	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Chrysene	LPX-SD-4508-0000-0005	218-01-9	5770.72	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4508-0000-0005	205-99-2	5272.97	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4508-0000-0005	207-08-9	5759.79	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4508-0000-0005	50-32-8	4770.77	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4508-0000-0005	193-39-5	4492.5	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4508-0000-0005	53-70-3	1225.58		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4508-0000-0005	191-24-2	4148.73	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Benzaldehyde	LPX-SD-4508-0000-0005	100-52-7	121.68		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Naphthalene-d8	LPX-SD-4508-0000-0005	1146-65-2	69		PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Phenanthrene-d10	LPX-SD-4508-0000-0005	1517-22-2	75		PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	OS	Chrysene-d12	LPX-SD-4508-0000-0005	1719-03-5	83		PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Naphthalene	LPX-SD-4509-0000-0005	91-20-3	189.45		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4509-0000-0005	91-57-6	130.34		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Acenaphthylene	LPX-SD-4509-0000-0005	208-96-8	355.04		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Acenaphthene	LPX-SD-4509-0000-0005	83-32-9	143.45		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Biphenyl	LPX-SD-4509-0000-0005	92-52-4	92.04		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Dibenzofuran	LPX-SD-4509-0000-0005	132-64-9	147.4		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05

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ANALYSIS_DATE	METHOD	MDL	RDL	CRDL	CRDL_FACTOR	PCT_MOIST	DILUTION_FACTOR	PREP_CODE	FINAL_RESULT	FINAL_QUALIFIER	VALIDATOR_COMMENT
05/10/05	BATD5-157	0.11	7.91		1.7	64.8	3	N	2180.72		
05/10/05	BATD5-157		24.65		1.7	64.8	3	N	103.61		
05/10/05	BATD5-157				1.7	64.8	3	N	61		
05/10/05	BATD5-157				1.7	64.8	3	N	72		
05/10/05	BATD5-157				1.7	64.8	3	N	81		
05/10/05	BATD5-157	0.3	1.41		1.7	59.8	3	N	91.49		
05/10/05	BATD5-157	0.06	1.41		1.7	59.8	3	N	53.94		
05/10/05	BATD5-157	0.1	1.41		1.7	59.8	3	N	161.99		
05/10/05	BATD5-157	0.22	1.41		1.7	59.8	3	N	70.64		
05/10/05	BATD5-157	0.22	1.41		1.7	59.8	3	N	27.34		
05/10/05	BATD5-157	0.09	1.41		1.7	59.8	3	N	68.21		
05/10/05	BATD5-157	0.14	1.41		1.7	59.8	3	N	122.92		
05/10/05	BATD5-157	0.19	1.41		1.7	59.8	3	N	1180.53		
05/10/05	BATD5-157	0.14	1.41		1.7	59.8	3	N	246.22		
05/10/05	BATD5-157	1.73	1.41		8.3	59.8	3	N	3119.08		
05/10/05	BATD5-157	1.8	2.82		8.3	59.8	3	N	2613.19		
05/10/05	BATD5-157	0.29	1.41		1.7	59.8	3	N	1153.26		
05/10/05	BATD5-157	0.22	1.41		1.7	59.8	3	N	1926.67		
05/10/05	BATD5-157	1.31	1.41		8.3	59.8	3	N	1923.73		
05/10/05	BATD5-157	0.41	2.82		1.7	59.8	3	N	2053.31		
05/10/05	BATD5-157	0.35	1.41		1.7	59.8	3	N	1855.61		
05/10/05	BATD5-157	0.11	1.41		1.7	59.8	3	N	1952.91		
05/10/05	BATD5-157	0.15	1.41		1.7	59.8	3	N	483.3		
05/10/05	BATD5-157	0.1	7.07		1.7	59.8	3	N	1696.05		
05/10/05	BATD5-157		22.03		1.7	59.8	3	N	124.46		
05/10/05	BATD5-157				1.7	59.8	3	N	66		
05/10/05	BATD5-157				1.7	59.8	3	N	70		
05/10/05	BATD5-157				1.7	59.8	3	N	78		
05/10/05	BATD5-157	0.26	1.23		1.7	54.1	3	N	122.39		
05/10/05	BATD5-157	0.05	1.22		1.7	54.1	3	N	70.88		
05/10/05	BATD5-157	0.09	1.23		1.7	54.1	3	N	273.34		
05/10/05	BATD5-157	0.19	1.23		1.7	54.1	3	N	215.36		
05/10/05	BATD5-157	0.19	1.22		1.7	54.1	3	N	29.57		
05/10/05	BATD5-157	0.08	1.22		1.7	54.1	3	N	177.97		
05/10/05	BATD5-157	0.12	1.23		1.7	54.1	3	N	382.83		
05/10/05	BATD5-157	1.64	1.23		16.7	54.1	3	N	4852.12		
05/10/05	BATD5-157	0.12	1.23		1.7	54.1	3	N	576.92		
05/10/05	BATD5-157	2.99	1.23		16.7	54.1	3	N	10137.89		
05/10/05	BATD5-157	3.11	2.45		16.7	54.1	3	N	7831.93		
05/10/05	BATD5-157	2.48	1.23		16.7	54.1	3	N	3282.55		
05/10/05	BATD5-157	1.87	1.23		16.7	54.1	3	N	5770.72		
05/10/05	BATD5-157	2.28	1.23		16.7	54.1	3	N	5272.97		
05/10/05	BATD5-157	3.54	2.45		16.7	54.1	3	N	5759.79		
05/10/05	BATD5-157	3.07	1.23		16.7	54.1	3	N	4770.77		
05/10/05	BATD5-157	0.96	1.23		16.7	54.1	3	N	4492.5		
05/10/05	BATD5-157	0.13	1.23		1.7	54.1	3	N	1225.58		
05/10/05	BATD5-157	0.85	6.13		16.7	54.1	3	N	4148.73		
05/10/05	BATD5-157		19.09		1.7	54.1	3	N	121.68		
05/10/05	BATD5-157				1.7	54.1	3	N	69		
05/10/05	BATD5-157				1.7	54.1	3	N	75		
05/10/05	BATD5-157				1.7	54.1	3	N	83		
05/10/05	BATD5-157	0.37	1.73		1.7	67.5	3	N	189.45		
05/10/05	BATD5-157	0.07	1.72		1.7	67.5	3	N	130.34		
05/10/05	BATD5-157	0.12	1.73		1.7	67.5	3	N	355.04		
05/10/05	BATD5-157	0.27	1.73		1.7	67.5	3	N	143.45		
05/10/05	BATD5-157	0.27	1.72		1.7	67.5	3	N	92.04		
05/10/05	BATD5-157	0.11	1.72		1.7	67.5	3	N	147.4		

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SAMPLE	CLASS			CAS Q								
LPX-SD-4509-0000-0005	OS	Fluorene	LPX-SD-4509-0000-0005	86-73-7	254.14		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Phenanthrene	LPX-SD-4509-0000-0005	85-01-8	2017.93		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Anthracene	LPX-SD-4509-0000-0005	120-12-7	539.34		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Fluoranthene	LPX-SD-4509-0000-0005	206-44-0	5422.13	D	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Pyrene	LPX-SD-4509-0000-0005	129-00-0	4689.56	D	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4509-0000-0005	56-55-3	2212.29		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Chrysene	LPX-SD-4509-0000-0005	218-01-9	3679.95	D	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4509-0000-0005	205-99-2	3584.41	D	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4509-0000-0005	207-08-9	3590.14		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4509-0000-0005	50-32-8	3354.69	D	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4509-0000-0005	193-39-5	3142	D	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4509-0000-0005	53-70-3	882.74		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4509-0000-0005	191-24-2	2862.32		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Benzaldehyde	LPX-SD-4509-0000-0005	100-52-7	239.6		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Naphthalene-d8	LPX-SD-4509-0000-0005	1146-65-2	67		PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Phenanthrene-d10	LPX-SD-4509-0000-0005	1517-22-2	73		PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	OS	Chrysene-d12	LPX-SD-4509-0000-0005	1719-03-5	81		PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Naphthalene	LPX-SD-4510-0000-0005	91-20-3	183.36		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4510-0000-0005	91-57-6	121.34		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Acenaphthylene	LPX-SD-4510-0000-0005	208-96-8	375.72		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Acenaphthene	LPX-SD-4510-0000-0005	83-32-9	145.04		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Biphenyl	LPX-SD-4510-0000-0005	92-52-4	79.05		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Dibenzofuran	LPX-SD-4510-0000-0005	132-64-9	148.64		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Fluorene	LPX-SD-4510-0000-0005	86-73-7	246.39		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Phenanthrene	LPX-SD-4510-0000-0005	85-01-8	2222.45		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Anthracene	LPX-SD-4510-0000-0005	120-12-7	527.32		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Fluoranthene	LPX-SD-4510-0000-0005	206-44-0	5808.83	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Pyrene	LPX-SD-4510-0000-0005	129-00-0	4938.22	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4510-0000-0005	56-55-3	2285.6		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Chrysene	LPX-SD-4510-0000-0005	218-01-9	3978.97	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4510-0000-0005	205-99-2	3966.37	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4510-0000-0005	207-08-9	3671.22		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4510-0000-0005	50-32-8	3655.68	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4510-0000-0005	193-39-5	3513.38	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4510-0000-0005	53-70-3	1032.73		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4510-0000-0005	191-24-2	3321.16	D	NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Benzaldehyde	LPX-SD-4510-0000-0005	100-52-7	147.32		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Naphthalene-d8	LPX-SD-4510-0000-0005	1146-65-2	71		PCT_REC		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Phenanthrene-d10	LPX-SD-4510-0000-0005	1517-22-2	74		PCT_REC		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	OS	Chrysene-d12	LPX-SD-4510-0000-0005	1719-03-5	82		PCT_REC		05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4204-0000-0050	OS	Naphthalene	LPX-SD-4204-0000-0050	91-20-3	118.05	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	2-Methylnaphthalene	LPX-SD-4204-0000-0050	91-57-6	76.8	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Acenaphthylene	LPX-SD-4204-0000-0050	208-96-8	243.99	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Acenaphthene	LPX-SD-4204-0000-0050	83-32-9	89.18	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Biphenyl	LPX-SD-4204-0000-0050	92-52-4	41.69	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Dibenzofuran	LPX-SD-4204-0000-0050	132-64-9	96.73	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Fluorene	LPX-SD-4204-0000-0050	86-73-7	162.05	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Phenanthrene	LPX-SD-4204-0000-0050	85-01-8	1523.89	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Anthracene	LPX-SD-4204-0000-0050	120-12-7	340.16	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Fluoranthene	LPX-SD-4204-0000-0050	206-44-0	3712.49	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Pyrene	LPX-SD-4204-0000-0050	129-00-0	3214.61	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Benzo(a)anthracene	LPX-SD-4204-0000-0050	56-55-3	1577.92	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Chrysene	LPX-SD-4204-0000-0050	218-01-9	2639.64	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Benzo(b)fluoranthene	LPX-SD-4204-0000-0050	205-99-2	2745.46	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Benzo(k)fluoranthene	LPX-SD-4204-0000-0050	207-08-9	2975.64	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Benzo(a)pyrene	LPX-SD-4204-0000-0050	50-32-8	2576.86	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4204-0000-0050	193-39-5	2549.88	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05

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ANAL DATE	METHOD	MDL	IDL	CRDL FACTOR	DIL FACTOR	PCT MOIS	DILUTED	MATRIX CODE	FINAL RESULT	FINAL QUAL	LAB COMMENTS
05/10/05	BATD5-157	0.17	1.73		1.7	67.5	3	N	254.14		
05/10/05	BATD5-157	0.23	1.73		1.7	67.5	3	N	2017.93		
05/10/05	BATD5-157	0.17	1.73		1.7	67.5	3	N	539.34		
05/10/05	BATD5-157	2.11	1.73		8.3	67.5	3	N	5422.13		
05/10/05	BATD5-157	2.19	3.44		8.3	67.5	3	N	4689.56		
05/10/05	BATD5-157	0.35	1.73		1.7	67.5	3	N	2212.29		
05/10/05	BATD5-157	1.32	1.73		8.3	67.5	3	N	3679.95		
05/10/05	BATD5-157	1.61	1.73		8.3	67.5	3	N	3584.41		
05/10/05	BATD5-157	0.5	3.44		1.7	67.5	3	N	3590.14		
05/10/05	BATD5-157	2.16	1.73		8.3	67.5	3	N	3354.69		
05/10/05	BATD5-157	0.67	1.73		8.3	67.5	3	N	3142		
05/10/05	BATD5-157	0.18	1.73		1.7	67.5	3	N	882.74		
05/10/05	BATD5-157	0.12	8.63		1.7	67.5	3	N	2862.32		
05/10/05	BATD5-157		26.89		1.7	67.5	3	N	239.6		
05/10/05	BATD5-157				1.7	67.5	3	N	67		
05/10/05	BATD5-157				1.7	67.5	3	N	73		
05/10/05	BATD5-157				1.7	67.5	3	N	81		
05/10/05	BATD5-157	0.36	1.7		1.7	66.5	3	N	183.36		
05/10/05	BATD5-157	0.07	1.7		1.7	66.5	3	N	121.34		
05/10/05	BATD5-157	0.12	1.7		1.7	66.5	3	N	375.72		
05/10/05	BATD5-157	0.26	1.7		1.7	66.5	3	N	145.04		
05/10/05	BATD5-157	0.26	1.7		1.7	66.5	3	N	79.05		
05/10/05	BATD5-157	0.11	1.7		1.7	66.5	3	N	148.64		
05/10/05	BATD5-157	0.17	1.7		1.7	66.5	3	N	246.39		
05/10/05	BATD5-157	0.23	1.7		1.7	66.5	3	N	2222.45		
05/10/05	BATD5-157	0.17	1.7		1.7	66.5	3	N	527.32		
05/10/05	BATD5-157	2.08	1.7		8.3	66.5	3	N	5808.83		
05/10/05	BATD5-157	2.16	3.39		8.3	66.5	3	N	4938.22		
05/10/05	BATD5-157	0.34	1.7		1.7	66.5	3	N	2285.6		
05/10/05	BATD5-157	1.3	1.7		8.3	66.5	3	N	3978.97		
05/10/05	BATD5-157	1.58	1.7		8.3	66.5	3	N	3966.37		
05/10/05	BATD5-157	0.49	3.39		1.7	66.5	3	N	3671.22		
05/10/05	BATD5-157	2.13	1.7		8.3	66.5	3	N	3655.68		
05/10/05	BATD5-157	0.66	1.7		8.3	66.5	3	N	3513.38		
05/10/05	BATD5-157	0.18	1.7		1.7	66.5	3	N	1032.73		
05/10/05	BATD5-157	0.59	8.5		8.3	66.5	3	N	3321.16		
05/10/05	BATD5-157		26.51		1.7	66.5	3	N	147.32		
05/10/05	BATD5-157				1.7	66.5	3	N	71		
05/10/05	BATD5-157				1.7	66.5	3	N	74		
05/10/05	BATD5-157				1.7	66.5	3	N	82		
05/10/05	BATD5-157	0.5	2.34		1.7	62.6	3	N	118.05	J	
05/10/05	BATD5-157	0.1	2.33		1.7	62.6	3	N	76.8	J	
05/10/05	BATD5-157	0.17	2.34		1.7	62.6	3	N	243.99	J	
05/10/05	BATD5-157	0.36	2.34		1.7	62.6	3	N	89.18	J	
05/10/05	BATD5-157	0.36	2.33		1.7	62.6	3	N	41.69	J	
05/10/05	BATD5-157	0.15	2.33		1.7	62.6	3	N	96.73	J	
05/10/05	BATD5-157	0.23	2.34		1.7	62.6	3	N	162.05	J	
05/10/05	BATD5-157	0.31	2.34		1.7	62.6	3	N	1523.89	J	
05/10/05	BATD5-157	0.23	2.34		1.7	62.6	3	N	340.16	J	
05/10/05	BATD5-157	0.57	2.34		1.7	62.6	3	N	3712.49	J	
05/10/05	BATD5-157	0.59	4.67		1.7	62.6	3	N	3214.61	J	
05/10/05	BATD5-157	0.47	2.34		1.7	62.6	3	N	1577.92	J	
05/10/05	BATD5-157	0.36	2.34		1.7	62.6	3	N	2639.64	J	
05/10/05	BATD5-157	0.43	2.34		1.7	62.6	3	N	2745.46	J	
05/10/05	BATD5-157	0.68	4.67		1.7	62.6	3	N	2975.64	J	
05/10/05	BATD5-157	0.59	2.34		1.7	62.6	3	N	2576.86	J	
05/10/05	BATD5-157	0.18	2.34		1.7	62.6	3	N	2549.88	J	

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NSAMPLE	CLASS	PARAMETER	FRACTION	CASNO	RESULT	LAB_QUAL	UNIT	METHOD	SDG	LAB	SAMPLE_DATE	EXTRACT_DATE
LPX-SD-4204-0000-0050	OS	Dibenz(a,h)anthracene	LPX-SD-4204-0000-0050	53-70-3	651.76	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Benzo(g,h,i)perylene	LPX-SD-4204-0000-0050	191-24-2	2344.21	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Benzaldehyde	LPX-SD-4204-0000-0050	100-52-7	153.27	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Naphthalene-d8	LPX-SD-4204-0000-0050	1146-65-2	72		PCT_REC	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Phenanthrene-d10	LPX-SD-4204-0000-0050	1517-22-2	74		PCT_REC	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	OS	Chrysene-d12	LPX-SD-4204-0000-0050	1719-03-5	82		PCT_REC	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4501-0000-0005	OS	Naphthalene	LPX-SD-4501-0000-0005	91-20-3	308.16		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	2-Methylnaphthalene	LPX-SD-4501-0000-0005	91-57-6	266.54		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Acenaphthylene	LPX-SD-4501-0000-0005	208-96-8	301.85		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Acenaphthene	LPX-SD-4501-0000-0005	83-32-9	136.73		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Biphenyl	LPX-SD-4501-0000-0005	92-52-4	62.46		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Dibenzofuran	LPX-SD-4501-0000-0005	132-64-9	118.89		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Fluorene	LPX-SD-4501-0000-0005	86-73-7	178.01		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Phenanthrene	LPX-SD-4501-0000-0005	85-01-8	1712.47		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Anthracene	LPX-SD-4501-0000-0005	120-12-7	370.16		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Fluoranthene	LPX-SD-4501-0000-0005	206-44-0	5081.84	D	NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Pyrene	LPX-SD-4501-0000-0005	129-00-0	3849.09		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Benzo(a)anthracene	LPX-SD-4501-0000-0005	56-55-3	1894.66		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Chrysene	LPX-SD-4501-0000-0005	218-01-9	3345.49		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Benzo(b)fluoranthene	LPX-SD-4501-0000-0005	205-99-2	3801.64		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Benzo(k)fluoranthene	LPX-SD-4501-0000-0005	207-08-9	3576.86		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Benzo(a)pyrene	LPX-SD-4501-0000-0005	50-32-8	3164.81		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4501-0000-0005	193-39-5	3455.60		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Dibenz(a,h)anthracene	LPX-SD-4501-0000-0005	53-70-3	905.93		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Benzo(g,h,i)perylene	LPX-SD-4501-0000-0005	191-24-2	3147.56		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Benzaldehyde	LPX-SD-4501-0000-0005	100-52-7	146.74		NG/G_DRY	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Naphthalene-d8	LPX-SD-4501-0000-0005	1146-65-2	73		PCT_REC	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Phenanthrene-d10	LPX-SD-4501-0000-0005	1517-22-2	74		PCT_REC	05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	OS	Chrysene-d12	LPX-SD-4501-0000-0005	1719-03-5	83		PCT_REC	05-0122	BATD	S7437-P	04/26/05	04/26/05
S7437MS-P	OS	Naphthalene	S7437MS-P	91-20-3	59		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	2-Methylnaphthalene	S7437MS-P	91-57-6	67		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Acenaphthylene	S7437MS-P	208-96-8	61		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Acenaphthene	S7437MS-P	83-32-9	66		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Biphenyl	S7437MS-P	92-52-4	65		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Dibenzofuran	S7437MS-P	132-64-9	66		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Fluorene	S7437MS-P	86-73-7	68		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Phenanthrene	S7437MS-P	85-01-8	59		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Anthracene	S7437MS-P	120-12-7	57		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Fluoranthene	S7437MS-P	206-44-0	34	~	PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Pyrene	S7437MS-P	129-00-0	60		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Benzo(a)anthracene	S7437MS-P	56-55-3	57		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Chrysene	S7437MS-P	218-01-9	57		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Benzo(b)fluoranthene	S7437MS-P	205-99-2	62		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Benzo(k)fluoranthene	S7437MS-P	207-08-9	73		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Benzo(a)pyrene	S7437MS-P	50-32-8	66		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Indeno(1,2,3-cd)pyrene	S7437MS-P	193-39-5	76		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Dibenz(a,h)anthracene	S7437MS-P	53-70-3	79		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Benzo(g,h,i)perylene	S7437MS-P	191-24-2	70		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Naphthalene-d8	S7437MS-P	1146-65-2	74		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Phenanthrene-d10	S7437MS-P	1517-22-2	75		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	OS	Chrysene-d12	S7437MS-P	1719-03-5	83		PCT_REC	05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MSD-P	OS	Naphthalene	S7437MSD-P	91-20-3	60		PCT_REC	05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	2-Methylnaphthalene	S7437MSD-P	91-57-6	70		PCT_REC	05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Acenaphthylene	S7437MSD-P	208-96-8	63		PCT_REC	05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Acenaphthene	S7437MSD-P	83-32-9	69		PCT_REC	05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Biphenyl	S7437MSD-P	92-52-4	67		PCT_REC	05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Dibenzofuran	S7437MSD-P	132-64-9	69		PCT_REC	05-0122	BATD	S7437MSD-P	04/26/05	04/26/05

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ANA_DATE	METHOD	MDL	RL		DILUTION_FACTOR	%_MOISTURE	SYSTEM	LAB_QUALIFIER	RESULT		
05/10/05	BATD5-157	0.24	2.34		1.7	62.6	3	N	651.76	J	
05/10/05	BATD5-157	0.16	11.69		1.7	62.6	3	N	2344.21	J	
05/10/05	BATD5-157		36.43		1.7	62.6	3	N	153.27	J	
05/10/05	BATD5-157				1.7	62.6	3	N	72		
05/10/05	BATD5-157				1.7	62.6	3	N	74		
05/10/05	BATD5-157				1.7	62.6	3	N	82		
05/10/05	BATD5-157	0.57	2.67		1.7	98.5	3	N	308.16		
05/10/05	BATD5-157	0.11	2.67		1.7	98.5	3	N	266.54		
05/10/05	BATD5-157	0.19	2.67		1.7	98.5	3	N	301.85		
05/10/05	BATD5-157	0.42	2.67		1.7	98.5	3	N	136.73		
05/10/05	BATD5-157	0.42	2.67		1.7	98.5	3	N	62.46		
05/10/05	BATD5-157	0.17	2.67		1.7	98.5	3	N	118.89		
05/10/05	BATD5-157	0.26	2.67		1.7	98.5	3	N	178.01		
05/10/05	BATD5-157	0.36	2.67		1.7	98.5	3	N	1712.47		
05/10/05	BATD5-157	0.26	2.67		1.7	98.5	3	N	370.16		
05/10/05	BATD5-157	3.26	2.67		8.3	98.5	3	N	5081.84	J	
05/10/05	BATD5-157	0.68	5.33		1.7	98.5	3	N	3849.09		
05/10/05	BATD5-157	0.54	2.67		1.7	98.5	3	N	1894.66		
05/10/05	BATD5-157	0.41	2.67		1.7	98.5	3	N	3345.49		
05/10/05	BATD5-157	0.50	2.67		1.7	98.5	3	N	3801.64		
05/10/05	BATD5-157	0.77	5.33		1.7	98.5	3	N	3576.86		
05/10/05	BATD5-157	0.67	2.67		1.7	98.5	3	N	3164.81		
05/10/05	BATD5-157	0.21	2.67		1.7	98.5	3	N	3455.60		
05/10/05	BATD5-157	0.28	2.67		1.7	98.5	3	N	905.93		
05/10/05	BATD5-157	0.18	13.36		1.7	98.5	3	N	3147.56		
05/10/05	BATD5-157		41.63		1.7	98.5	3	N	146.74		
05/10/05	BATD5-157				1.7	98.5	3	N	73		
05/10/05	BATD5-157				1.7	98.5	3	N	74		
05/10/05	BATD5-157				1.7	98.5	3	N	83		
05/10/05	BATD5-157				1.7	98.5	3	MS	59		
05/10/05	BATD5-157				1.7	98.5	3	MS	67		
05/10/05	BATD5-157				1.7	98.5	3	MS	61		
05/10/05	BATD5-157				1.7	98.5	3	MS	66		
05/10/05	BATD5-157				1.7	98.5	3	MS	65		
05/10/05	BATD5-157				1.7	98.5	3	MS	66		
05/10/05	BATD5-157				1.7	98.5	3	MS	68		
05/10/05	BATD5-157				1.7	98.5	3	MS	59		
05/10/05	BATD5-157				1.7	98.5	3	MS	57		
05/10/05	BATD5-157				1.7	98.5	3	MS	34	~	
05/10/05	BATD5-157				1.7	98.5	3	MS	60		
05/10/05	BATD5-157				1.7	98.5	3	MS	57		
05/10/05	BATD5-157				1.7	98.5	3	MS	57		
05/10/05	BATD5-157				1.7	98.5	3	MS	62		
05/10/05	BATD5-157				1.7	98.5	3	MS	73		
05/10/05	BATD5-157				1.7	98.5	3	MS	66		
05/10/05	BATD5-157				1.7	98.5	3	MS	76		
05/10/05	BATD5-157				1.7	98.5	3	MS	79		
05/10/05	BATD5-157				1.7	98.5	3	MS	70		
05/10/05	BATD5-157				1.7	98.5	3	MS	74		
05/10/05	BATD5-157				1.7	98.5	3	MS	75		
05/10/05	BATD5-157				1.7	98.5	3	MS	83		
05/11/05	BATD5-157				1.7	98.5	3	MSD	60		
05/11/05	BATD5-157				1.7	98.5	3	MSD	70		
05/11/05	BATD5-157				1.7	98.5	3	MSD	63		
05/11/05	BATD5-157				1.7	98.5	3	MSD	69		
05/11/05	BATD5-157				1.7	98.5	3	MSD	67		
05/11/05	BATD5-157				1.7	98.5	3	MSD	69		

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NSAMPLE	CLASS			CAS NO.								
S7437MSD-P	OS	Fluorene	S7437MSD-P	86-73-7	70		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Phenanthrene	S7437MSD-P	85-01-8	59		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Anthracene	S7437MSD-P	120-12-7	57		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Fluoranthene	S7437MSD-P	206-44-0	33	~	PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Pyrene	S7437MSD-P	129-00-0	58		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Benzo(a)anthracene	S7437MSD-P	56-55-3	57		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Chrysene	S7437MSD-P	218-01-9	56		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Benzo(b)fluoranthene	S7437MSD-P	205-99-2	55		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Benzo(k)fluoranthene	S7437MSD-P	207-08-9	83		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Benzo(a)pyrene	S7437MSD-P	50-32-8	66		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Indeno(1,2,3-cd)pyrene	S7437MSD-P	193-39-5	74		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Dibenz(a,h)anthracene	S7437MSD-P	53-70-3	82		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Benzo(g,h,i)perylene	S7437MSD-P	191-24-2	69		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Naphthalene-d8	S7437MSD-P	1146-65-2	74		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Phenanthrene-d10	S7437MSD-P	1517-22-2	77		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	OS	Chrysene-d12	S7437MSD-P	1719-03-5	85		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Naphthalene	LPX-SD-4205-0000-0050	91-20-3	387.94	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	2-Methylnaphthalene	LPX-SD-4205-0000-0050	91-57-6	393.05	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Acenaphthylene	LPX-SD-4205-0000-0050	208-96-8	364.76	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Acenaphthene	LPX-SD-4205-0000-0050	83-32-9	256.35	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Biphenyl	LPX-SD-4205-0000-0050	92-52-4	94.60	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Dibenzofuran	LPX-SD-4205-0000-0050	132-64-9	192.67	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Fluorene	LPX-SD-4205-0000-0050	86-73-7	332.71	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Phenanthrene	LPX-SD-4205-0000-0050	85-01-8	3293.62	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Anthracene	LPX-SD-4205-0000-0050	120-12-7	611.10	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Fluoranthene	LPX-SD-4205-0000-0050	206-44-0	7049.05	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Pyrene	LPX-SD-4205-0000-0050	129-00-0	5989.78	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Benzo(a)anthracene	LPX-SD-4205-0000-0050	56-55-3	2917.83	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Chrysene	LPX-SD-4205-0000-0050	218-01-9	4821.63	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Benzo(b)fluoranthene	LPX-SD-4205-0000-0050	205-99-2	4844.01	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Benzo(k)fluoranthene	LPX-SD-4205-0000-0050	207-08-9	5261.03	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Benzo(a)pyrene	LPX-SD-4205-0000-0050	50-32-8	4437.51	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Indeno(1,2,3-cd)pyrene	LPX-SD-4205-0000-0050	193-39-5	4468.75	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Dibenz(a,h)anthracene	LPX-SD-4205-0000-0050	53-70-3	1135.23	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Benzo(g,h,i)perylene	LPX-SD-4205-0000-0050	191-24-2	4129.06	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Benzaldehyde	LPX-SD-4205-0000-0050	100-52-7	238.85	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Naphthalene-d8	LPX-SD-4205-0000-0050	1146-65-2	70		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Phenanthrene-d10	LPX-SD-4205-0000-0050	1517-22-2	74		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	OS	Chrysene-d12	LPX-SD-4205-0000-0050	1719-03-5	82		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05

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ANALYDATE	METHOD	MDL	IDL	RESULT	DILFACTOR	PCTMOIS	SAMPNO	QC_ACTION	FLAG_RSLT	FLAG_COMB	FIELD_COMMENTS
05/11/05	BATD5-157				1.7	98.5	3	MSD	70		
05/11/05	BATD5-157				1.7	98.5	3	MSD	59		
05/11/05	BATD5-157				1.7	98.5	3	MSD	57		
05/11/05	BATD5-157				1.7	98.5	3	MSD	33	-	
05/11/05	BATD5-157				1.7	98.5	3	MSD	58		
05/11/05	BATD5-157				1.7	98.5	3	MSD	57		
05/11/05	BATD5-157				1.7	98.5	3	MSD	56		
05/11/05	BATD5-157				1.7	98.5	3	MSD	55		
05/11/05	BATD5-157				1.7	98.5	3	MSD	83		
05/11/05	BATD5-157				1.7	98.5	3	MSD	66		
05/11/05	BATD5-157				1.7	98.5	3	MSD	74		
05/11/05	BATD5-157				1.7	98.5	3	MSD	82		
05/11/05	BATD5-157				1.7	98.5	3	MSD	69		
05/11/05	BATD5-157				1.7	98.5	3	MSD	74		
05/11/05	BATD5-157				1.7	98.5	3	MSD	77		
05/11/05	BATD5-157				1.7	98.5	3	MSD	85		
05/11/05	BATD5-157	1.85	8.65		1.7	93.9	3	N	387.94	J	
05/11/05	BATD5-157	0.37	8.64		1.7	93.9	3	N	393.05	J	
05/11/05	BATD5-157	0.63	8.65		1.7	93.9	3	N	364.76	J	
05/11/05	BATD5-157	1.33	8.65		1.7	93.9	3	N	256.35	J	
05/11/05	BATD5-157	1.34	8.64		1.7	93.9	3	N	94.60	J	
05/11/05	BATD5-157	0.55	8.64		1.7	93.9	3	N	192.67	J	
05/11/05	BATD5-157	0.86	8.65		1.7	93.9	3	N	332.71	J	
05/11/05	BATD5-157	1.15	8.65		1.7	93.9	3	N	3293.62	J	
05/11/05	BATD5-157	0.86	8.65		1.7	93.9	3	N	611.10	J	
05/11/05	BATD5-157	2.11	8.65		1.7	93.9	3	N	7049.05	J	
05/11/05	BATD5-157	2.19	17.27		1.7	93.9	3	N	5989.78	J	
05/11/05	BATD5-157	1.76	8.65		1.7	93.9	3	N	2917.83	J	
05/11/05	BATD5-157	1.32	8.65		1.7	93.9	3	N	4821.63	J	
05/11/05	BATD5-157	1.61	8.65		1.7	93.9	3	N	4844.01	J	
05/11/05	BATD5-157	2.50	17.27		1.7	93.9	3	N	5261.03	J	
05/11/05	BATD5-157	2.17	8.65		1.7	93.9	3	N	4437.51	J	
05/11/05	BATD5-157	0.68	8.65		1.7	93.9	3	N	4468.75	J	
05/11/05	BATD5-157	0.91	8.65		1.7	93.9	3	N	1135.23	J	
05/11/05	BATD5-157	0.60	43.26		1.7	93.9	3	N	4129.06	J	
05/11/05	BATD5-157		134.83		1.7	93.9	3	N	238.85	J	
05/11/05	BATD5-157				1.7	93.9	3	N	70		
05/11/05	BATD5-157				1.7	93.9	3	N	74		
05/11/05	BATD5-157				1.7	93.9	3	N	82		

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Section 3
PCB/Pesticide Results

PCB/Pesticide QA/QC SUMMARY
QC Batch 05-0122

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Polychlorinated Biphenyls (PCB as Aroclor) and Chlorinated Pesticides

LABORATORY: Battelle, Duxbury, MA

MATRIX: Sediment

SAMPLE CUSTODY: Sediment core samples were collected on March 30 and 31, 2005. Cores were transported to U.S. EPA in Narragansett, RI and stored refrigerated (upright) until processing. Core processing was conducted on April 4 and 5, 2005. Sub-samples were collected from various depth intervals according to the project QAPP (Battelle, 2005). Sub-samples were stored refrigerated during processing and were transported on ice to Battelle Duxbury on April 5, 2005. Upon arrival at Battelle Duxbury, samples were stored refrigerated, and then transferred to Laboratory Sample Custodian on April 6, 2005. Samples were logged in to the Laboratory Information Management System (LIMS) and assigned unique laboratory IDs. All samples were received in good condition and intact, although the temperature was not recorded upon login. However, the COCs indicate that samples had been stored refrigerated prior to transfer to the Laboratory Sample Custodian.

Selected archive samples from the May 2003 sediment investigation at Lyman Mill Pond were retrieved from frozen storage, brought to room temperature, and composites prepared according to the project QAPP (Battelle, 2005). Specifically,

- Samples LPX-SD-4204-0000-0010 and LPX-SD-4204-0030-0040 were composited; new sample ID is LPX-SD-4204-0000-0050 (indicating that sediment material is from the top ½ foot or the sediment core)
- Samples LPX-SD-4205-0000-0010 and LPX-SD-4205-0040-0050 were composited; new sample ID is LPX-SD-4205-0000-0050 (indicating that sediment material is from the top ½ foot of the sediment core)

Composite samples were transferred to the Laboratory Sample Custodian on April 7, 2005. Samples were logged in to the LIMS and assigned unique laboratory IDs. Samples were received intact and in good condition; although the temperature was not recorded upon receipt. However, the COC indicates that the composites had been stored refrigerated prior to transfer to the Laboratory Sample Custodian.

Among the 12 samples received for organic testing, 2 samples contained low solids content (<30%), even after centrifugation and decanting of the overlying water. Samples with low solids content (LPX-SD-4501-0000-0005 and LPX-SD-4205-0000-0050) were shipped to Battelle Marine Sciences Laboratory (MSL) in Sequim, WA on April 12, 2005. Samples were freeze-dried at MSL and returned to Battelle Duxbury on April 26, 2005. Samples were received intact and in good condition.

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QA/QC MEASUREMENT PERFORMANCE CRITERIA (MPC):

	Reference Method	Blank	Surrogate Recovery	LCS/MS Recovery	SRM Percent Difference	MS/MSD Relative Precision	Achieved ssMDLs * (ng/g dry)	Project Goals ** (ng/g dry)
PCB	L-9 Battelle SOP 5-128	<5× ssRL[a]	40-125% Recovery	40-120% Recovery [b]	≤30% PD plus the 95% confidence level [c]	≤30% RPD [b]	Aroclor: 30 Pest: 0.23 to 0.46 Technical Chlordane: 30 Toxaphene: 30	Aroclor: 12.6 Pest: 0.009003 to 1260 Technical Chlordane: NA Toxaphene: NA

ssRL, sample-specific Reporting Limit; ssMDL, sample-specific Method Detection Limit; PD, Percent Difference; RPD, Relative Percent Difference.

[a] Associated sample concentrations should be >5× blank values.

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

[c] Using surrogate corrected data; certified values in SRM must be >5× ssMDL to be used for data quality assessment.

* Achieved detection limits reported here are from the associated procedural blank prepared with the samples.

** Project detection limit goals vary by analyte – see Worksheet #9b in the project QAPP (Battelle, 2005) for detection limit goals by analyte.

METHOD: Sediment samples were prepared and analyzed for PAH, PCB Aroclor and chlorinated pesticides following methods described in Battelle (2005). Briefly,

Sample Preparation – Samples were extracted for PAH, PCB Aroclors and chlorinated pesticides following Battelle Duxbury SOP 5-192. Briefly, 10 to 15 g of well-mixed, wet sediment material was weighed into an extraction vessel and spiked with the surrogate internal standard (SIS) compounds. For freeze-dried samples, a smaller sample size was used for extraction.

Samples were extracted three times with dichloromethane (DCM) using shaker techniques. The combined extract was dried over anhydrous sodium sulfate, reduced in volume and cleaned using alumina column, activated copper, and gel permeation chromatography High Performance Liquid Chromatography (GPC/HPLC) cleanup. The post-HPLC extract was concentrated under nitrogen to approximately 1 mL, fortified with recovery internal standard (RIS) compounds, and split for PAH and PCB/pesticide analyses. The PCB/pesticide split was solvent exchanged into hexane prior to analysis.

PCB/Pesticide Analysis – PCB Aroclors and chlorinated pesticides were analyzed by GC/ECD (Hewlett Packard 6890 Series GC) using a 60-m DB5 column and hydrogen as the carrier gas. A minimum of a six-point calibration curve was used for pesticide analysis ranging from approximately 0.001 to 0.125 µg/mL. A single point calibration at approximately 0.1 mg/mL was used for Technical Chlordane and at approximately 2 mg/mL for PCB Aroclors analysis. And a single point calibration at approximately 0.1mg/mL was used for Toxaphene analysis.

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METHOD (cont):

Data Reporting – Standard laboratory measurement performance criteria (MPC) used to evaluate laboratory QC results differed slightly in some cases from the MPC listed in Battelle (2005). Wherever the MPCs differed, the laboratory MPCs used to evaluate the sample data was more rigorous.

HOLDING TIMES:

All samples were extracted and analyzed within holding times, except the two archive samples (LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050) from the May 2003 sediment investigation. These archive samples had been stored frozen. Sample data are T qualified where appropriate.

Batch	Extraction Date	Analysis Date
05-0122	April 26, 2005	May 2-4, 2005

DETECTION LIMITS:

PCB/pesticide results are reported relative to the sample-specific method detection limits (ssMDL) and sample-specific reporting limits (ssRL) for that compound, as follows:

- Non-detects and values detected at a concentration below the ssMDL are reported as the ssMDL and U flagged.
- Compounds detected at a concentration above the ssMDL and below the ssRL are reported and J flagged.

Note that the ssMDL is the MDL for each compound determined from a seven replicate MDL study and adjusted for project specific sample sizes. The ssRL is based on the low calibration standard and adjusted for sample specific processing factors and volumes as described in the QAPP (Battelle, 2005).

Achieved ssMDLs met Project Action Goals (PAGs; Battelle, 2005) for all target compounds except aldrin, alpha-BHC, beta-BHC, dieldrin, heptachlor, heptachlor expoxide, and Aroclor. Among these compounds, achieved ssMDLs were generally only slightly above the PAG (except dieldrin). As noted in Battelle (2002), the project detection limit goals are provided for perspective rather than as a requirement for the analytical methods.

BLANKS:

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

05-0122 – No exceedences.

PCB/pesticides were undetected in the laboratory blank at levels above the ssMDL.

LABORATORY CONTROL SAMPLE

Two laboratory control samples (LCS) were prepared with the sediment samples. One LCS sample was fortified with PAH, PCB congeners and chlorinated pesticides. The other LCS was fortified with Aroclor 1248. The percent recoveries of representative analytes were calculated to measure data quality in terms of accuracy.

05-0122 – No exceedences.

The percent recovery of Aroclor 1248 and chlorinated pesticides in the LCS samples met the MPC, and ranged from 63% to 108%.

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PCB/Pesticide QA/QC SUMMARY
QC Batch 05-0122

MATRIX SPIKES: One matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with the sediment samples to measure data quality in terms of accuracy and precision. The percent recoveries of representative analytes were calculated to measure data quality in terms of accuracy. The RPD between the percent recoveries in the MS/MSD were calculated to measure data quality in terms of precision.

05-0122 – Percent recoveries for 8 out of 20 pesticides did not meet the MPC for the MS; percent recoveries for 4 out of 20 pesticides did not meet the MPC for the MSD. RPDs between the MS and MSD percent recoveries did not meet the MPC for 4 out of 20 pesticides.

Corrective Action – Percent recoveries for alpha-BHC, beta-BHC, delta-BHC, lindane, endosulfan sulfate, endrin, heptachlor, and methoxychlor did not meet the MPC in the MS. Four of these analytes (beta-BHC, endosulfan sulfate, heptachlor, and methoxychlor) responded above the calibration curve, resulting in a negative concentration (Battelle uses a quadratic curve and analytes responding above the curve are reported with a negative concentration). A result of 0% recovery was reported for the four pesticides that responded above the quadratic curve. The other four pesticides were over-recovered in the MS, ranging from 125% to 153%.

Percent recoveries for endosulfan sulfate, endrin, heptachlor, and methoxychlor did not meet the MPC in the MSD. Among these, endosulfan sulfate and methoxychlor also responded above the quadratic curve, resulting in a 0% recovery. The other two pesticides were over-recovered in the MS, ranging from 128% to 158%.

4,4'-DDE was also over-recovered in the MS/MSD ; however, the concentration of 4,4'-DDE in the MS/MSD was less than 5× the background concentration, thereby meeting contingency criteria.

Results from the MS/MSD samples suggest that sample data may be biased high for alpha-BHC, delta-BHC, lindane, endrin, and heptachlor. However, these pesticides were undetected in the associated study samples, indicating that sample data are useable. Note that the percent recoveries of all pesticides in the LCS met the MPC.

SURROGATES: Four PCB surrogate compounds were added to each sample prior to extraction, including PCBs 14, 34, 104, and 112. Recovery data were calculated to measure data quality in terms of accuracy (extraction efficiency).

05-0122 – PCB14 was over-recovered in 7 out of 12 of the study samples.

Corrective Action – PCB14 was over-recovered in 7 out of 12 sediment samples due to a sample-related matrix interference. All other surrogate recoveries met the MPC. Recovery of PCB14 was acceptable in all laboratory-based QC samples, indicating that the method is in control. Exceedences are flagged on the final report tables.

PCB/Pesticide QA/QC SUMMARY
QC Batch 05-0122

SRM: A standard reference material (SRM, NIST 1944) was prepared with the sediment samples. The percent difference (PD) between detected concentrations (surrogate corrected) and the certified values was calculated to measure data quality in terms of accuracy. ***Note*** – the SRM is certified for only two of the target compounds, including 4,4'-DDT and *alpha*-Chlordane.

05-0122 – 1 out of 2 pesticides exceeded the MPC.

Corrective Action – 4,4'-DDT was over-recovered in the SRM, resulting in the PD exceedence. The certificate of analysis received with SRM 1944 indicates that the SRM is not certified as homogenous for pesticides. Further, results from the analysis of this SRM at Battelle show that 4,4'-DDT has historically been over-recovered relative to the certified value, thereby resulting in elevated PD values. The recognized SRM non- homogeneity and historical over-recovery of 4,4'-DDT at Battelle, combined with the acceptable recovery of 4,4'-DDT in the associated LCS and MS/MSD samples prepared with this batch, suggest that the laboratory methods are in control. Impact on data quality as a result of the SRM exceedence should be minimal.

REFERENCES:

Battelle 2005. *Centredale Manor Tasks 19–22 Quality Assurance Project Plan – Addendum 3*. Tasks 19-22 QAPP Addendum 3 prepared under contract to USACE NAE. March 10, 2005. 182 pg plus appendices.

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
BG194PB-P	PESTP	4,4'-DDD	BG194PB-P	72-54-8	0.46	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	4,4'-DDE	BG194PB-P	72-55-9	0.3	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	4,4'-DDT	BG194PB-P	50-29-3	0.27	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	aldrin	BG194PB-P	309-00-2	0.25	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	a-chlordane	BG194PB-P	5103-71-9	0.25	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	g-chlordane	BG194PB-P	5103-74-2	0.23	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	a-BHC	BG194PB-P	319-84-6	0.27	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	b-BHC	BG194PB-P	319-85-7	0.24	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	d-BHC	BG194PB-P	319-86-8	0.29	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Lindane	BG194PB-P	58-89-9	0.26	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	dieldrin	BG194PB-P	60-57-1	0.29	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	endosulfan I	BG194PB-P	959-98-8	0.31	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	endosulfan II	BG194PB-P	33213-65-9	0.3	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	endosulfan sulfate	BG194PB-P	1031-07-8	0.35	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	endrin	BG194PB-P	72-20-8	0.3	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	endrin aldehyde	BG194PB-P	7421-93-4	0.4	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	endrin ketone	BG194PB-P	53494-70-5	0.3	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	heptachlor	BG194PB-P	76-44-8	0.28	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	heptachlor epoxide	BG194PB-P	1024-57-3	0.25	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	methoxychlor	BG194PB-P	72-43-5	0.41	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Toxaphene	BG194PB-P	8001-35-2	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Technical Chlordane	BG194PB-P	57-74-9	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1016	BG194PB-P	12674-11-2	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1221	BG194PB-P	11104-28-2	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1232	BG194PB-P	11141-16-5	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1242	BG194PB-P	53469-21-9	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1248	BG194PB-P	12672-29-6	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1254	BG194PB-P	11097-69-1	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1260	BG194PB-P	11096-82-5	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Aroclor 1268	BG194PB-P	11100-14-4	29.99	U	NG/G_DRY		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Cl2(14)	BG194PB-P	34883-41-5	90		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Cl3(34)	BG194PB-P	37680-68-5	79		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Cl5(104)	BG194PB-P	56558-16-8	75		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG194PB-P	PESTP	Cl5(112)	BG194PB-P	74472-36-9	80		PCT_REC		05-0122	BATD	BG194PB-P	04/26/05	04/26/05
BG195LCS-P	PESTP	4,4'-DDD	BG195LCS-P	72-54-8	87		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	4,4'-DDE	BG195LCS-P	72-55-9	88		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	4,4'-DDT	BG195LCS-P	50-29-3	99		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	aldrin	BG195LCS-P	309-00-2	80		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	a-chlordane	BG195LCS-P	5103-71-9	83		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	g-chlordane	BG195LCS-P	5103-74-2	79		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	a-BHC	BG195LCS-P	319-84-6	75		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	b-BHC	BG195LCS-P	319-85-7	81		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	d-BHC	BG195LCS-P	319-86-8	86		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	Lindane	BG195LCS-P	58-89-9	75		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	dieldrin	BG195LCS-P	60-57-1	89		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	endosulfan I	BG195LCS-P	959-98-8	99		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	endosulfan II	BG195LCS-P	33213-65-9	63		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	endosulfan sulfate	BG195LCS-P	1031-07-8	108		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	endrin	BG195LCS-P	72-20-8	98		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	endrin aldehyde	BG195LCS-P	7421-93-4	88		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	endrin ketone	BG195LCS-P	53494-70-5	103		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	heptachlor	BG195LCS-P	76-44-8	87		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	heptachlor epoxide	BG195LCS-P	1024-57-3	77		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	methoxychlor	BG195LCS-P	72-43-5	103		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	Cl2(14)	BG195LCS-P	34883-41-5	75		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	Cl3(34)	BG195LCS-P	37680-68-5	69		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG195LCS-P	PESTP	Cl5(104)	BG195LCS-P	56558-16-8	73		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05

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ANALYSDATE	METHOD	MDL								
05/02/05	BATD5-128	0.46	0.3		1.7	53.1	3	PB	0.46	U
05/02/05	BATD5-128	0.3	0.3		1.7	53.1	3	PB	0.3	U
05/02/05	BATD5-128	0.27	0.3		1.7	53.1	3	PB	0.27	U
05/02/05	BATD5-128	0.25	0.3		1.7	53.1	3	PB	0.25	U
05/02/05	BATD5-128	0.25	0.3		1.7	53.1	3	PB	0.25	U
05/02/05	BATD5-128	0.23	0.3		1.7	53.1	3	PB	0.23	U
05/02/05	BATD5-128	0.27	0.3		1.7	53.1	3	PB	0.27	U
05/02/05	BATD5-128	0.24	0.3		1.7	53.1	3	PB	0.24	U
05/02/05	BATD5-128	0.29	0.3		1.7	53.1	3	PB	0.29	U
05/02/05	BATD5-128	0.26	0.3		1.7	53.1	3	PB	0.26	U
05/02/05	BATD5-128	0.29	0.3		1.7	53.1	3	PB	0.29	U
05/02/05	BATD5-128	0.31	0.3		1.7	53.1	3	PB	0.31	U
05/02/05	BATD5-128	0.3	0.3		1.7	53.1	3	PB	0.3	U
05/02/05	BATD5-128	0.35	0.3		1.7	53.1	3	PB	0.35	U
05/02/05	BATD5-128	0.3	0.3		1.7	53.1	3	PB	0.3	U
05/02/05	BATD5-128	0.4	0.3		1.7	53.1	3	PB	0.4	U
05/02/05	BATD5-128	0.3	0.3		1.7	53.1	3	PB	0.3	U
05/02/05	BATD5-128	0.28	0.3		1.7	53.1	3	PB	0.28	U
05/02/05	BATD5-128	0.25	0.3		1.7	53.1	3	PB	0.25	U
05/02/05	BATD5-128	0.41	0.3		1.7	53.1	3	PB	0.41	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128	29.99	29.99		1.7	53.1	3	PB	29.99	U
05/02/05	BATD5-128				1.7	53.1	3	PB	90	
05/02/05	BATD5-128				1.7	53.1	3	PB	79	
05/02/05	BATD5-128				1.7	53.1	3	PB	75	
05/02/05	BATD5-128				1.7	53.1	3	PB	80	
05/02/05	BATD5-128				1.7	0	3	LCS	87	
05/02/05	BATD5-128				1.7	0	3	LCS	88	
05/02/05	BATD5-128				1.7	0	3	LCS	99	
05/02/05	BATD5-128				1.7	0	3	LCS	80	
05/02/05	BATD5-128				1.7	0	3	LCS	83	
05/02/05	BATD5-128				1.7	0	3	LCS	79	
05/02/05	BATD5-128				1.7	0	3	LCS	75	
05/02/05	BATD5-128				1.7	0	3	LCS	81	
05/02/05	BATD5-128				1.7	0	3	LCS	86	
05/02/05	BATD5-128				1.7	0	3	LCS	75	
05/02/05	BATD5-128				1.7	0	3	LCS	89	
05/02/05	BATD5-128				1.7	0	3	LCS	99	
05/02/05	BATD5-128				1.7	0	3	LCS	63	
05/02/05	BATD5-128				1.7	0	3	LCS	108	
05/02/05	BATD5-128				1.7	0	3	LCS	98	
05/02/05	BATD5-128				1.7	0	3	LCS	88	
05/02/05	BATD5-128				1.7	0	3	LCS	103	
05/02/05	BATD5-128				1.7	0	3	LCS	87	
05/02/05	BATD5-128				1.7	0	3	LCS	77	
05/02/05	BATD5-128				1.7	0	3	LCS	103	
05/02/05	BATD5-128				1.7	0	3	LCS	75	
05/02/05	BATD5-128				1.7	0	3	LCS	69	
05/02/05	BATD5-128				1.7	0	3	LCS	73	

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NSAMPLE	CLASS	PARAMETER	FRASAMNO	CASNO	LABRESULT	QUAL	UNITS	PROJ	LABNO	LABORATORY	QAREPORT	REC_DATE	EXT_DATE
BG195LCS-P	PESTP	Cl5(112)	BG195LCS-P	74472-36-9	75		PCT_REC		05-0122	BATD	BG195LCS-P	04/26/05	04/26/05
BG196LCS-P	PESTP	Aroclor 1248	BG196LCS-P	12672-29-6	95		PCT_REC		05-0122	BATD	BG196LCS-P	04/26/05	04/26/05
BG196LCS-P	PESTP	Cl2(14)	BG196LCS-P	34883-41-5	85		PCT_REC		05-0122	BATD	BG196LCS-P	04/26/05	04/26/05
BG196LCS-P	PESTP	Cl3(34)	BG196LCS-P	37680-68-5	81		PCT_REC		05-0122	BATD	BG196LCS-P	04/26/05	04/26/05
BG196LCS-P	PESTP	Cl5(104)	BG196LCS-P	56558-16-8	77		PCT_REC		05-0122	BATD	BG196LCS-P	04/26/05	04/26/05
BG196LCS-P	PESTP	Cl5(112)	BG196LCS-P	74472-36-9	84		PCT_REC		05-0122	BATD	BG196LCS-P	04/26/05	04/26/05
BG197SRM-P	PESTP	4,4'-DDT	BG197SRM-P	50-29-3	139.5	&	PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	PESTP	a-chlordane	BG197SRM-P	5103-71-9	7.4		PCT_DIFF		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	PESTP	Cl2(14)	BG197SRM-P	34883-41-5	98		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	PESTP	Cl3(34)	BG197SRM-P	37680-68-5	92		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	PESTP	Cl5(104)	BG197SRM-P	56558-16-8	105		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
BG197SRM-P	PESTP	Cl5(112)	BG197SRM-P	74472-36-9	74		PCT_REC		05-0122	BATD	BG197SRM-P	04/26/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	4,4'-DDD	LPX-SD-4502-0000-0005	72-54-8	10.02		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	4,4'-DDE	LPX-SD-4502-0000-0005	72-55-9	17.58		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	4,4'-DDT	LPX-SD-4502-0000-0005	50-29-3	0.26	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	aldrin	LPX-SD-4502-0000-0005	309-00-2	0.24	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	a-chlordane	LPX-SD-4502-0000-0005	5103-71-9	11.73		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	g-chlordane	LPX-SD-4502-0000-0005	5103-74-2	11.85		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	a-BHC	LPX-SD-4502-0000-0005	319-84-6	0.26	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	b-BHC	LPX-SD-4502-0000-0005	319-85-7	0.23	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	d-BHC	LPX-SD-4502-0000-0005	319-86-8	0.28	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Lindane	LPX-SD-4502-0000-0005	58-89-9	0.25	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	dieldrin	LPX-SD-4502-0000-0005	60-57-1	0.28	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	endosulfan I	LPX-SD-4502-0000-0005	959-98-8	0.3	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	endosulfan II	LPX-SD-4502-0000-0005	33213-65-9	6.19		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4502-0000-0005	1031-07-8	0.34	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	endrin	LPX-SD-4502-0000-0005	72-20-8	0.29	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	endrin aldehyde	LPX-SD-4502-0000-0005	7421-93-4	0.38	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	endrin ketone	LPX-SD-4502-0000-0005	53494-70-5	0.29	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	heptachlor	LPX-SD-4502-0000-0005	76-44-8	0.27	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4502-0000-0005	1024-57-3	0.24	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	methoxychlor	LPX-SD-4502-0000-0005	72-43-5	0.39	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Toxaphene	LPX-SD-4502-0000-0005	8001-35-2	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Technical Chlordane	LPX-SD-4502-0000-0005	57-74-9	135		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1016	LPX-SD-4502-0000-0005	12674-11-2	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1221	LPX-SD-4502-0000-0005	11104-28-2	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1232	LPX-SD-4502-0000-0005	11141-16-5	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1242	LPX-SD-4502-0000-0005	53469-21-9	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1248	LPX-SD-4502-0000-0005	12672-29-6	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1254	LPX-SD-4502-0000-0005	11097-69-1	968.92		NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1260	LPX-SD-4502-0000-0005	11096-82-5	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Aroclor 1268	LPX-SD-4502-0000-0005	11100-14-4	28.95	U	NG/G_DRY		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Cl2(14)	LPX-SD-4502-0000-0005	34883-41-5	116		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Cl3(34)	LPX-SD-4502-0000-0005	37680-68-5	82		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Cl5(104)	LPX-SD-4502-0000-0005	56558-16-8	74		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4502-0000-0005	PESTP	Cl5(112)	LPX-SD-4502-0000-0005	74472-36-9	70		PCT_REC		05-0122	BATD	S7369-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	4,4'-DDD	LPX-SD-4503-0000-0005	72-54-8	15.26		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	4,4'-DDE	LPX-SD-4503-0000-0005	72-55-9	26.88		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	4,4'-DDT	LPX-SD-4503-0000-0005	50-29-3	7.82		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	aldrin	LPX-SD-4503-0000-0005	309-00-2	0.41	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	a-chlordane	LPX-SD-4503-0000-0005	5103-71-9	15.17		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	g-chlordane	LPX-SD-4503-0000-0005	5103-74-2	16.16		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	a-BHC	LPX-SD-4503-0000-0005	319-84-6	0.44	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	b-BHC	LPX-SD-4503-0000-0005	319-85-7	0.39	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	d-BHC	LPX-SD-4503-0000-0005	319-86-8	0.47	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Lindane	LPX-SD-4503-0000-0005	58-89-9	0.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	dieldrin	LPX-SD-4503-0000-0005	60-57-1	0.48	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05

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ANALYSDATE	METHOD										
05/02/05	BATD5-128				1.7	0	3	LCS	75		
05/03/05	BATD5-128				1.7	0	3	LCS	95		
05/03/05	BATD5-128				1.7	0	3	LCS	85		
05/03/05	BATD5-128				1.7	0	3	LCS	81		
05/03/05	BATD5-128				1.7	0	3	LCS	77		
05/03/05	BATD5-128				1.7	0	3	LCS	84		
05/03/05	BATD5-128				1.7	1.3	3	SRM	139.5	&	
05/03/05	BATD5-128				1.7	1.3	3	SRM	7.4		
05/03/05	BATD5-128				1.7	1.3	3	SRM	98		
05/03/05	BATD5-128				1.7	1.3	3	SRM	92		
05/03/05	BATD5-128				1.7	1.3	3	SRM	105		
05/03/05	BATD5-128				1.7	1.3	3	SRM	74		
05/03/05	BATD5-128	0.45	0.29		1.7	61.9	3	N	10.02		
05/03/05	BATD5-128	0.29	0.29		1.7	61.9	3	N	17.58		
05/03/05	BATD5-128	0.26	0.29		1.7	61.9	3	N	0.26	U	
05/03/05	BATD5-128	0.24	0.29		1.7	61.9	3	N	0.24	U	
05/03/05	BATD5-128	0.25	0.29		1.7	61.9	3	N	11.73		
05/03/05	BATD5-128	0.22	0.29		1.7	61.9	3	N	11.85		
05/03/05	BATD5-128	0.26	0.29		1.7	61.9	3	N	0.26	U	
05/03/05	BATD5-128	0.23	0.29		1.7	61.9	3	N	0.23	U	
05/03/05	BATD5-128	0.28	0.29		1.7	61.9	3	N	0.28	U	
05/03/05	BATD5-128	0.25	0.29		1.7	61.9	3	N	0.25	U	
05/03/05	BATD5-128	0.28	0.29		1.7	61.9	3	N	0.28	U	
05/03/05	BATD5-128	0.3	0.29		1.7	61.9	3	N	0.3	U	
05/03/05	BATD5-128	0.29	0.29		1.7	61.9	3	N	6.19		
05/03/05	BATD5-128	0.34	0.29		1.7	61.9	3	N	0.34	U	
05/03/05	BATD5-128	0.29	0.29		1.7	61.9	3	N	0.29	U	
05/03/05	BATD5-128	0.38	0.29		1.7	61.9	3	N	0.38	U	
05/03/05	BATD5-128	0.29	0.29		1.7	61.9	3	N	0.29	U	
05/03/05	BATD5-128	0.27	0.29		1.7	61.9	3	N	0.27	U	
05/03/05	BATD5-128	0.24	0.29		1.7	61.9	3	N	0.24	U	
05/03/05	BATD5-128	0.39	0.29		1.7	61.9	3	N	0.39	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	135		
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	968.92		
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128	28.95	28.95		1.7	61.9	3	N	28.95	U	
05/03/05	BATD5-128				1.7	61.9	3	N	116		
05/03/05	BATD5-128				1.7	61.9	3	N	82		
05/03/05	BATD5-128				1.7	61.9	3	N	74		
05/03/05	BATD5-128				1.7	61.9	3	N	70		
05/03/05	BATD5-128	0.74	0.49		1.7	64.8	3	N	15.26		
05/03/05	BATD5-128	0.48	0.49		1.7	64.8	3	N	26.88		
05/03/05	BATD5-128	0.44	0.49		1.7	64.8	3	N	7.82	J	
05/03/05	BATD5-128	0.41	0.49		1.7	64.8	3	N	0.41	U	
05/03/05	BATD5-128	0.41	0.49		1.7	64.8	3	N	15.17		
05/03/05	BATD5-128	0.37	0.49		1.7	64.8	3	N	16.16		
05/03/05	BATD5-128	0.44	0.49		1.7	64.8	3	N	0.44	U	
05/03/05	BATD5-128	0.39	0.49		1.7	64.8	3	N	0.39	U	
05/03/05	BATD5-128	0.47	0.49		1.7	64.8	3	N	0.47	U	
05/03/05	BATD5-128	0.42	0.49		1.7	64.8	3	N	0.42	U	
05/03/05	BATD5-128	0.48	0.49		1.7	64.8	3	N	0.48	U	

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SAMPLE	CLASS	PARAMETER	FRAGAMNG	CASNO	RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	METHOD	REQ_DATE	EXTR_DATE
LPX-SD-4503-0000-0005	PESTP	endosulfan I	LPX-SD-4503-0000-0005	959-98-8	0.5	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	endosulfan II	LPX-SD-4503-0000-0005	33213-65-9	9.24		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4503-0000-0005	1031-07-8	0.57	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	endrin	LPX-SD-4503-0000-0005	72-20-8	0.48	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	endrin aldehyde	LPX-SD-4503-0000-0005	7421-93-4	0.64	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	endrin ketone	LPX-SD-4503-0000-0005	53494-70-5	0.49	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	heptachlor	LPX-SD-4503-0000-0005	76-44-8	0.45	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4503-0000-0005	1024-57-3	0.41	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	methoxychlor	LPX-SD-4503-0000-0005	72-43-5	0.66	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Toxaphene	LPX-SD-4503-0000-0005	8001-35-2	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Technical Chlordane	LPX-SD-4503-0000-0005	57-74-9	188.35		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1016	LPX-SD-4503-0000-0005	12674-11-2	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1221	LPX-SD-4503-0000-0005	11104-28-2	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1232	LPX-SD-4503-0000-0005	11141-16-5	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1242	LPX-SD-4503-0000-0005	53469-21-9	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1248	LPX-SD-4503-0000-0005	12672-29-6	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1254	LPX-SD-4503-0000-0005	11097-69-1	1443.8		NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1260	LPX-SD-4503-0000-0005	11096-82-5	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Aroclor 1268	LPX-SD-4503-0000-0005	11100-14-4	48.42	U	NG/G_DRY		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Cl2(14)	LPX-SD-4503-0000-0005	34883-41-5	116		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Cl3(34)	LPX-SD-4503-0000-0005	37680-68-5	96		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Cl5(104)	LPX-SD-4503-0000-0005	56558-16-8	87		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4503-0000-0005	PESTP	Cl5(112)	LPX-SD-4503-0000-0005	74472-36-9	81		PCT_REC		05-0122	BATD	S7370-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	4,4'-DDD	LPX-SD-4504-0000-0005	72-54-8	19.84		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	4,4'-DDE	LPX-SD-4504-0000-0005	72-55-9	45.04		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	4,4'-DDT	LPX-SD-4504-0000-0005	50-29-3	20.78		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	aldrin	LPX-SD-4504-0000-0005	309-00-2	0.31	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	a-chlordane	LPX-SD-4504-0000-0005	5103-71-9	21.5		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	g-chlordane	LPX-SD-4504-0000-0005	5103-74-2	25.53		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	a-BHC	LPX-SD-4504-0000-0005	319-84-6	0.34	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	b-BHC	LPX-SD-4504-0000-0005	319-85-7	0.3	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	d-BHC	LPX-SD-4504-0000-0005	319-86-8	0.36	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Lindane	LPX-SD-4504-0000-0005	58-89-9	0.32	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	dieldrin	LPX-SD-4504-0000-0005	60-57-1	0.37	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	endosulfan I	LPX-SD-4504-0000-0005	959-98-8	0.38	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	endosulfan II	LPX-SD-4504-0000-0005	33213-65-9	8.67		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4504-0000-0005	1031-07-8	0.44	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	endrin	LPX-SD-4504-0000-0005	72-20-8	0.37	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	endrin aldehyde	LPX-SD-4504-0000-0005	7421-93-4	0.49	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	endrin ketone	LPX-SD-4504-0000-0005	53494-70-5	0.37	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	heptachlor	LPX-SD-4504-0000-0005	76-44-8	0.35	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4504-0000-0005	1024-57-3	0.31	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	methoxychlor	LPX-SD-4504-0000-0005	72-43-5	0.51	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Toxaphene	LPX-SD-4504-0000-0005	8001-35-2	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Technical Chlordane	LPX-SD-4504-0000-0005	57-74-9	229.58		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1016	LPX-SD-4504-0000-0005	12674-11-2	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1221	LPX-SD-4504-0000-0005	11104-28-2	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1232	LPX-SD-4504-0000-0005	11141-16-5	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1242	LPX-SD-4504-0000-0005	53469-21-9	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1248	LPX-SD-4504-0000-0005	12672-29-6	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1254	LPX-SD-4504-0000-0005	11097-69-1	1316.14		NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1260	LPX-SD-4504-0000-0005	11096-82-5	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Aroclor 1268	LPX-SD-4504-0000-0005	11100-14-4	37.28	U	NG/G_DRY		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Cl2(14)	LPX-SD-4504-0000-0005	34883-41-5	162	&E	PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Cl3(34)	LPX-SD-4504-0000-0005	37680-68-5	99		PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Cl5(104)	LPX-SD-4504-0000-0005	56558-16-8	106		PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05
LPX-SD-4504-0000-0005	PESTP	Cl5(112)	LPX-SD-4504-0000-0005	74472-36-9	69		PCT_REC		05-0122	BATD	S7371-P	04/06/05	04/26/05

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ANALYSDATE	METHOD	SMPL_TOP	SMPL_BOT								
05/03/05	BATD5-128	0.5	0.49		1.7	64.8	3	N	0.5	U	
05/03/05	BATD5-128	0.48	0.49		1.7	64.8	3	N	9.24		
05/03/05	BATD5-128	0.57	0.49		1.7	64.8	3	N	0.57	U	
05/03/05	BATD5-128	0.48	0.49		1.7	64.8	3	N	0.48	U	
05/03/05	BATD5-128	0.64	0.49		1.7	64.8	3	N	0.64	U	
05/03/05	BATD5-128	0.49	0.49		1.7	64.8	3	N	0.49	U	
05/03/05	BATD5-128	0.45	0.49		1.7	64.8	3	N	0.45	U	
05/03/05	BATD5-128	0.41	0.49		1.7	64.8	3	N	0.41	U	
05/03/05	BATD5-128	0.66	0.49		1.7	64.8	3	N	0.66	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	188.35		
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	1443.8		
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128	48.42	48.42		1.7	64.8	3	N	48.42	U	
05/03/05	BATD5-128				1.7	64.8	3	N	116		
05/03/05	BATD5-128				1.7	64.8	3	N	96		
05/03/05	BATD5-128				1.7	64.8	3	N	87		
05/03/05	BATD5-128				1.7	64.8	3	N	81		
05/03/05	BATD5-128	0.57	0.38		1.7	69.4	3	N	19.84	J	
05/03/05	BATD5-128	0.37	0.38		1.7	69.4	3	N	45.04	J	
05/03/05	BATD5-128	0.34	0.38		1.7	69.4	3	N	20.78	J	
05/03/05	BATD5-128	0.31	0.38		1.7	69.4	3	N	0.31	U	
05/03/05	BATD5-128	0.32	0.38		1.7	69.4	3	N	21.5	J	
05/03/05	BATD5-128	0.28	0.38		1.7	69.4	3	N	25.53	J	
05/03/05	BATD5-128	0.34	0.38		1.7	69.4	3	N	0.34	U	
05/03/05	BATD5-128	0.3	0.38		1.7	69.4	3	N	0.3	U	
05/03/05	BATD5-128	0.36	0.38		1.7	69.4	3	N	0.36	U	
05/03/05	BATD5-128	0.32	0.38		1.7	69.4	3	N	0.32	U	
05/03/05	BATD5-128	0.37	0.38		1.7	69.4	3	N	0.37	U	
05/03/05	BATD5-128	0.38	0.38		1.7	69.4	3	N	0.38	U	
05/03/05	BATD5-128	0.37	0.38		1.7	69.4	3	N	8.67	J	
05/03/05	BATD5-128	0.44	0.38		1.7	69.4	3	N	0.44	U	
05/03/05	BATD5-128	0.37	0.38		1.7	69.4	3	N	0.37	U	
05/03/05	BATD5-128	0.49	0.38		1.7	69.4	3	N	0.49	U	
05/03/05	BATD5-128	0.37	0.38		1.7	69.4	3	N	0.37	U	
05/03/05	BATD5-128	0.35	0.38		1.7	69.4	3	N	0.35	U	
05/03/05	BATD5-128	0.31	0.38		1.7	69.4	3	N	0.31	U	
05/03/05	BATD5-128	0.51	0.38		1.7	69.4	3	N	0.51	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	229.58	J	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	1316.14	J	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128	37.28	37.28		1.7	69.4	3	N	37.28	U	
05/03/05	BATD5-128				1.7	69.4	3	N	162		
05/03/05	BATD5-128				1.7	69.4	3	N	99		
05/03/05	BATD5-128				1.7	69.4	3	N	106		
05/03/05	BATD5-128				1.7	69.4	3	N	69		

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NSAMPLE	CLASS	PARAMETER	LOC_ID	CAS_NO	LAB_RESULT	QUAL	UNITS	SAS	LABORATORY	LAB_NO	REQ_DATE	EXTR_DATE
LPX-SD-4505-0000-0005	PESTP	4,4'-DDD	LPX-SD-4505-0000-0005	72-54-8	15.18		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	4,4'-DDE	LPX-SD-4505-0000-0005	72-55-9	32.2		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	4,4'-DDT	LPX-SD-4505-0000-0005	50-29-3	4.91		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	aldrin	LPX-SD-4505-0000-0005	309-00-2	0.27	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	a-chlordane	LPX-SD-4505-0000-0005	5103-71-9	18.39		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	g-chlordane	LPX-SD-4505-0000-0005	5103-74-2	23.28		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	a-BHC	LPX-SD-4505-0000-0005	319-84-6	0.3	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	b-BHC	LPX-SD-4505-0000-0005	319-85-7	0.26	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	d-BHC	LPX-SD-4505-0000-0005	319-86-8	0.32	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Lindane	LPX-SD-4505-0000-0005	58-89-9	0.28	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	dieldrin	LPX-SD-4505-0000-0005	60-57-1	0.32	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	endosulfan I	LPX-SD-4505-0000-0005	959-98-8	0.34	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	endosulfan II	LPX-SD-4505-0000-0005	33213-65-9	11.06		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4505-0000-0005	1031-07-8	0.39	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	endrin	LPX-SD-4505-0000-0005	72-20-8	0.32	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	endrin aldehyde	LPX-SD-4505-0000-0005	7421-93-4	0.43	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	endrin ketone	LPX-SD-4505-0000-0005	53494-70-5	0.33	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	heptachlor	LPX-SD-4505-0000-0005	76-44-8	0.3	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4505-0000-0005	1024-57-3	0.28	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	methoxychlor	LPX-SD-4505-0000-0005	72-43-5	0.44	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Toxaphene	LPX-SD-4505-0000-0005	8001-35-2	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Technical Chlordane	LPX-SD-4505-0000-0005	57-74-9	244.36		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1016	LPX-SD-4505-0000-0005	12674-11-2	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1221	LPX-SD-4505-0000-0005	11104-28-2	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1232	LPX-SD-4505-0000-0005	11141-16-5	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1242	LPX-SD-4505-0000-0005	53469-21-9	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1248	LPX-SD-4505-0000-0005	12672-29-6	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1254	LPX-SD-4505-0000-0005	11097-69-1	2058.09		NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1260	LPX-SD-4505-0000-0005	11096-82-5	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Aroclor 1268	LPX-SD-4505-0000-0005	11100-14-4	32.62	U	NG/G_DRY	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Cl2(14)	LPX-SD-4505-0000-0005	34883-41-5	129	&E	PCT_REC	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Cl3(34)	LPX-SD-4505-0000-0005	37680-68-5	93		PCT_REC	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Cl5(104)	LPX-SD-4505-0000-0005	56558-16-8	89		PCT_REC	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4505-0000-0005	PESTP	Cl5(112)	LPX-SD-4505-0000-0005	74472-36-9	77		PCT_REC	05-0122	BATD	S7372-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	4,4'-DDD	LPX-SD-4506-0000-0005	72-54-8	24.29		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	4,4'-DDE	LPX-SD-4506-0000-0005	72-55-9	46.16		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	4,4'-DDT	LPX-SD-4506-0000-0005	50-29-3	14.19		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	aldrin	LPX-SD-4506-0000-0005	309-00-2	0.27	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	a-chlordane	LPX-SD-4506-0000-0005	5103-71-9	17.37		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	g-chlordane	LPX-SD-4506-0000-0005	5103-74-2	16.41		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	a-BHC	LPX-SD-4506-0000-0005	319-84-6	0.29	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	b-BHC	LPX-SD-4506-0000-0005	319-85-7	0.25	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	d-BHC	LPX-SD-4506-0000-0005	319-86-8	0.31	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Lindane	LPX-SD-4506-0000-0005	58-89-9	0.27	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	dieldrin	LPX-SD-4506-0000-0005	60-57-1	0.31	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	endosulfan I	LPX-SD-4506-0000-0005	959-98-8	0.32	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	endosulfan II	LPX-SD-4506-0000-0005	33213-65-9	8.95		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4506-0000-0005	1031-07-8	0.37	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	endrin	LPX-SD-4506-0000-0005	72-20-8	0.31	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	endrin aldehyde	LPX-SD-4506-0000-0005	7421-93-4	0.42	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	endrin ketone	LPX-SD-4506-0000-0005	53494-70-5	0.32	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	heptachlor	LPX-SD-4506-0000-0005	76-44-8	0.29	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4506-0000-0005	1024-57-3	0.27	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	methoxychlor	LPX-SD-4506-0000-0005	72-43-5	0.43	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Toxaphene	LPX-SD-4506-0000-0005	8001-35-2	31.58	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Technical Chlordane	LPX-SD-4506-0000-0005	57-74-9	191.33		NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1016	LPX-SD-4506-0000-0005	12674-11-2	31.58	U	NG/G_DRY	05-0122	BATD	S7373-P	04/06/05	04/26/05

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ANALYSIS DATE	METHOD	MDL	RL		DF	EXTR WEIGHT	EXTR VOLUME	RESULT CODE	FINAL RESULT	FINAL QUAL	VALIDATION COMMENTS
05/03/05	BATD5-128	0.5	0.33		1.7	65.7	3	N	15.18	J	
05/03/05	BATD5-128	0.32	0.33		1.7	65.7	3	N	32.2	J	
05/03/05	BATD5-128	0.3	0.33		1.7	65.7	3	N	4.91	J	
05/03/05	BATD5-128	0.27	0.33		1.7	65.7	3	N	0.27	U	
05/03/05	BATD5-128	0.28	0.33		1.7	65.7	3	N	18.39	J	
05/03/05	BATD5-128	0.25	0.33		1.7	65.7	3	N	23.28	J	
05/03/05	BATD5-128	0.3	0.33		1.7	65.7	3	N	0.3	U	
05/03/05	BATD5-128	0.26	0.33		1.7	65.7	3	N	0.26	U	
05/03/05	BATD5-128	0.32	0.33		1.7	65.7	3	N	0.32	U	
05/03/05	BATD5-128	0.28	0.33		1.7	65.7	3	N	0.28	U	
05/03/05	BATD5-128	0.32	0.33		1.7	65.7	3	N	0.32	U	
05/03/05	BATD5-128	0.34	0.33		1.7	65.7	3	N	0.34	U	
05/03/05	BATD5-128	0.32	0.33		1.7	65.7	3	N	11.06	J	
05/03/05	BATD5-128	0.39	0.33		1.7	65.7	3	N	0.39	U	
05/03/05	BATD5-128	0.32	0.33		1.7	65.7	3	N	0.32	U	
05/03/05	BATD5-128	0.43	0.33		1.7	65.7	3	N	0.43	U	
05/03/05	BATD5-128	0.33	0.33		1.7	65.7	3	N	0.33	U	
05/03/05	BATD5-128	0.3	0.33		1.7	65.7	3	N	0.3	U	
05/03/05	BATD5-128	0.28	0.33		1.7	65.7	3	N	0.28	U	
05/03/05	BATD5-128	0.44	0.33		1.7	65.7	3	N	0.44	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	244.36	J	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	2058.09	J	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128	32.62	32.62		1.7	65.7	3	N	32.62	U	
05/03/05	BATD5-128				1.7	65.7	3	N	129		
05/03/05	BATD5-128				1.7	65.7	3	N	93		
05/03/05	BATD5-128				1.7	65.7	3	N	89		
05/03/05	BATD5-128				1.7	65.7	3	N	77		
05/03/05	BATD5-128	0.49	0.32		1.7	64.8	3	N	24.29	J	
05/03/05	BATD5-128	0.31	0.32		1.7	64.8	3	N	46.16	J	
05/03/05	BATD5-128	0.29	0.32		1.7	64.8	3	N	14.19	J	
05/03/05	BATD5-128	0.27	0.32		1.7	64.8	3	N	0.27	U	
05/03/05	BATD5-128	0.27	0.32		1.7	64.8	3	N	17.37	J	
05/03/05	BATD5-128	0.24	0.32		1.7	64.8	3	N	16.41	J	
05/03/05	BATD5-128	0.29	0.32		1.7	64.8	3	N	0.29	U	
05/03/05	BATD5-128	0.25	0.32		1.7	64.8	3	N	0.25	U	
05/03/05	BATD5-128	0.31	0.32		1.7	64.8	3	N	0.31	U	
05/03/05	BATD5-128	0.27	0.32		1.7	64.8	3	N	0.27	U	
05/03/05	BATD5-128	0.31	0.32		1.7	64.8	3	N	0.31	U	
05/03/05	BATD5-128	0.32	0.32		1.7	64.8	3	N	0.32	U	
05/03/05	BATD5-128	0.31	0.32		1.7	64.8	3	N	8.95	J	
05/03/05	BATD5-128	0.37	0.32		1.7	64.8	3	N	0.37	U	
05/03/05	BATD5-128	0.31	0.32		1.7	64.8	3	N	0.31	U	
05/03/05	BATD5-128	0.42	0.32		1.7	64.8	3	N	0.42	U	
05/03/05	BATD5-128	0.32	0.32		1.7	64.8	3	N	0.32	U	
05/03/05	BATD5-128	0.29	0.32		1.7	64.8	3	N	0.29	U	
05/03/05	BATD5-128	0.27	0.32		1.7	64.8	3	N	0.27	U	
05/03/05	BATD5-128	0.43	0.32		1.7	64.8	3	N	0.43	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	191.33	J	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	

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NSAMPLE	CLASS	PARAMETER	LABSAMPNO	CASNO	RESULT		UNIT		PROJECT	BATCH	SDG	SAMP_DATE	EXTR_DATE
LPX-SD-4506-0000-0005	PESTP	Aroclor 1221	LPX-SD-4506-0000-0005	11104-28-2	31.58	U	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1232	LPX-SD-4506-0000-0005	11141-16-5	31.58	U	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1242	LPX-SD-4506-0000-0005	53469-21-9	31.58	U	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1248	LPX-SD-4506-0000-0005	12672-29-6	31.58	U	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1254	LPX-SD-4506-0000-0005	11097-69-1	1394.73		NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1260	LPX-SD-4506-0000-0005	11096-82-5	31.58	U	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Aroclor 1268	LPX-SD-4506-0000-0005	11100-14-4	31.58	U	NG/G_DRY		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Cl2(14)	LPX-SD-4506-0000-0005	34883-41-5	135	&ME	PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Cl3(34)	LPX-SD-4506-0000-0005	37680-68-5	102		PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Cl5(104)	LPX-SD-4506-0000-0005	56558-16-8	97		PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4506-0000-0005	PESTP	Cl5(112)	LPX-SD-4506-0000-0005	74472-36-9	72		PCT_REC		05-0122	BATD	S7373-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	4,4'-DDD	LPX-SD-4507-0000-0005	72-54-8	7.97		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	4,4'-DDE	LPX-SD-4507-0000-0005	72-55-9	12.59		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	4,4'-DDT	LPX-SD-4507-0000-0005	50-29-3	2.97		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	aldrin	LPX-SD-4507-0000-0005	309-00-2	0.24	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	a-chlordane	LPX-SD-4507-0000-0005	5103-71-9	10.68		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	g-chlordane	LPX-SD-4507-0000-0005	5103-74-2	13.64		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	a-BHC	LPX-SD-4507-0000-0005	319-84-6	0.26	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	b-BHC	LPX-SD-4507-0000-0005	319-85-7	0.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	d-BHC	LPX-SD-4507-0000-0005	319-86-8	0.28	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Lindane	LPX-SD-4507-0000-0005	58-89-9	0.24	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	dieldrin	LPX-SD-4507-0000-0005	60-57-1	0.28	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	endosulfan I	LPX-SD-4507-0000-0005	959-98-8	0.29	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	endosulfan II	LPX-SD-4507-0000-0005	33213-65-9	6.76		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4507-0000-0005	1031-07-8	0.33	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	endrin	LPX-SD-4507-0000-0005	72-20-8	0.28	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	endrin aldehyde	LPX-SD-4507-0000-0005	7421-93-4	0.37	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	endrin ketone	LPX-SD-4507-0000-0005	53494-70-5	0.28	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	heptachlor	LPX-SD-4507-0000-0005	76-44-8	0.26	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4507-0000-0005	1024-57-3	0.24	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	methoxychlor	LPX-SD-4507-0000-0005	72-43-5	0.38	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Toxaphene	LPX-SD-4507-0000-0005	8001-35-2	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Technical Chlordane	LPX-SD-4507-0000-0005	57-74-9	136.09		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1016	LPX-SD-4507-0000-0005	12674-11-2	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1221	LPX-SD-4507-0000-0005	11104-28-2	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1232	LPX-SD-4507-0000-0005	11141-16-5	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1242	LPX-SD-4507-0000-0005	53469-21-9	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1248	LPX-SD-4507-0000-0005	12672-29-6	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1254	LPX-SD-4507-0000-0005	11097-69-1	998.85		NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1260	LPX-SD-4507-0000-0005	11096-82-5	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Aroclor 1268	LPX-SD-4507-0000-0005	11100-14-4	28.22	U	NG/G_DRY		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Cl2(14)	LPX-SD-4507-0000-0005	34883-41-5	119		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Cl3(34)	LPX-SD-4507-0000-0005	37680-68-5	86		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Cl5(104)	LPX-SD-4507-0000-0005	56558-16-8	80		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4507-0000-0005	PESTP	Cl5(112)	LPX-SD-4507-0000-0005	74472-36-9	77		PCT_REC		05-0122	BATD	S7374-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	4,4'-DDD	LPX-SD-4508-0000-0005	72-54-8	14.76		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	4,4'-DDE	LPX-SD-4508-0000-0005	72-55-9	17.71		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	4,4'-DDT	LPX-SD-4508-0000-0005	50-29-3	7.13		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	aldrin	LPX-SD-4508-0000-0005	309-00-2	0.21	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	a-chlordane	LPX-SD-4508-0000-0005	5103-71-9	52.81	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	g-chlordane	LPX-SD-4508-0000-0005	5103-74-2	46.09	D	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	a-BHC	LPX-SD-4508-0000-0005	319-84-6	0.22	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	b-BHC	LPX-SD-4508-0000-0005	319-85-7	0.19	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	d-BHC	LPX-SD-4508-0000-0005	319-86-8	0.24	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Lindane	LPX-SD-4508-0000-0005	58-89-9	0.21	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	dieldrin	LPX-SD-4508-0000-0005	60-57-1	0.24	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	endosulfan I	LPX-SD-4508-0000-0005	959-98-8	0.25	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05

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05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	1394.73	J	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128	31.58	31.58		1.7	64.8	3	N	31.58	U	
05/03/05	BATD5-128				1.7	64.8	3	N	135		
05/03/05	BATD5-128				1.7	64.8	3	N	102		
05/03/05	BATD5-128				1.7	64.8	3	N	97		
05/03/05	BATD5-128				1.7	64.8	3	N	72		
05/03/05	BATD5-128	0.43	0.28		1.7	59.8	3	N	7.97		
05/03/05	BATD5-128	0.28	0.28		1.7	59.8	3	N	12.59		
05/03/05	BATD5-128	0.26	0.28		1.7	59.8	3	N	2.97	J	
05/03/05	BATD5-128	0.24	0.28		1.7	59.8	3	N	0.24	U	
05/03/05	BATD5-128	0.24	0.28		1.7	59.8	3	N	10.68		
05/03/05	BATD5-128	0.21	0.28		1.7	59.8	3	N	13.64		
05/03/05	BATD5-128	0.26	0.28		1.7	59.8	3	N	0.26	U	
05/03/05	BATD5-128	0.22	0.28		1.7	59.8	3	N	0.22	U	
05/03/05	BATD5-128	0.28	0.28		1.7	59.8	3	N	0.28	U	
05/03/05	BATD5-128	0.24	0.28		1.7	59.8	3	N	0.24	U	
05/03/05	BATD5-128	0.28	0.28		1.7	59.8	3	N	0.28	U	
05/03/05	BATD5-128	0.29	0.28		1.7	59.8	3	N	0.29	U	
05/03/05	BATD5-128	0.28	0.28		1.7	59.8	3	N	6.76		
05/03/05	BATD5-128	0.33	0.28		1.7	59.8	3	N	0.33	U	
05/03/05	BATD5-128	0.28	0.28		1.7	59.8	3	N	0.28	U	
05/03/05	BATD5-128	0.37	0.28		1.7	59.8	3	N	0.37	U	
05/03/05	BATD5-128	0.28	0.28		1.7	59.8	3	N	0.28	U	
05/03/05	BATD5-128	0.26	0.28		1.7	59.8	3	N	0.26	U	
05/03/05	BATD5-128	0.24	0.28		1.7	59.8	3	N	0.24	U	
05/03/05	BATD5-128	0.38	0.28		1.7	59.8	3	N	0.38	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	136.09		
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	998.85		
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128	28.22	28.22		1.7	59.8	3	N	28.22	U	
05/03/05	BATD5-128				1.7	59.8	3	N	119		
05/03/05	BATD5-128				1.7	59.8	3	N	86		
05/03/05	BATD5-128				1.7	59.8	3	N	80		
05/03/05	BATD5-128				1.7	59.8	3	N	77		
05/03/05	BATD5-128	0.38	0.25		1.7	54.1	3	N	14.76	J	
05/03/05	BATD5-128	0.24	0.25		1.7	54.1	3	N	17.71	J	
05/03/05	BATD5-128	0.22	0.25		1.7	54.1	3	N	7.13	J	
05/03/05	BATD5-128	0.21	0.25		1.7	54.1	3	N	0.21	U	
05/03/05	BATD5-128	2.08	0.25		16.7	54.1	3	N	52.81	J	
05/03/05	BATD5-128	1.86	0.25		16.7	54.1	3	N	46.09	J	
05/03/05	BATD5-128	0.22	0.25		1.7	54.1	3	N	0.22	U	
05/03/05	BATD5-128	0.19	0.25		1.7	54.1	3	N	0.19	U	
05/03/05	BATD5-128	0.24	0.25		1.7	54.1	3	N	0.24	U	
05/03/05	BATD5-128	0.21	0.25		1.7	54.1	3	N	0.21	U	
05/03/05	BATD5-128	0.24	0.25		1.7	54.1	3	N	0.24	U	
05/03/05	BATD5-128	0.25	0.25		1.7	54.1	3	N	0.25	U	

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NSAMPLE	CLASS	PARAMETER	SAMPLE	CASNO	RESULT		LOC				PREP_DATE	EXTR_DATE
LPX-SD-4508-0000-0005	PESTP	endosulfan II	LPX-SD-4508-0000-0005	33213-65-9	9.22		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4508-0000-0005	1031-07-8	0.29	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	endrin	LPX-SD-4508-0000-0005	72-20-8	0.24	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	endrin aldehyde	LPX-SD-4508-0000-0005	7421-93-4	0.32	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	endrin ketone	LPX-SD-4508-0000-0005	53494-70-5	0.25	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	heptachlor	LPX-SD-4508-0000-0005	76-44-8	0.23	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4508-0000-0005	1024-57-3	0.21	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	methoxychlor	LPX-SD-4508-0000-0005	72-43-5	0.33	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Toxaphene	LPX-SD-4508-0000-0005	8001-35-2	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Technical Chlordane	LPX-SD-4508-0000-0005	57-74-9	428.8		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1016	LPX-SD-4508-0000-0005	12674-11-2	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1221	LPX-SD-4508-0000-0005	11104-28-2	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1232	LPX-SD-4508-0000-0005	11141-16-5	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1242	LPX-SD-4508-0000-0005	53469-21-9	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1248	LPX-SD-4508-0000-0005	12672-29-6	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1254	LPX-SD-4508-0000-0005	11097-69-1	496.31		NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1260	LPX-SD-4508-0000-0005	11096-82-5	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Aroclor 1268	LPX-SD-4508-0000-0005	11100-14-4	24.46	U	NG/G_DRY		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Cl2(14)	LPX-SD-4508-0000-0005	34883-41-5	139	&E	PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Cl3(34)	LPX-SD-4508-0000-0005	37680-68-5	96		PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Cl5(104)	LPX-SD-4508-0000-0005	56558-16-8	84		PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4508-0000-0005	PESTP	Cl5(112)	LPX-SD-4508-0000-0005	74472-36-9	55		PCT_REC		05-0122	BATD	S7375-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	4,4'-DDD	LPX-SD-4509-0000-0005	72-54-8	26.45		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	4,4'-DDE	LPX-SD-4509-0000-0005	72-55-9	33.55		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	4,4'-DDT	LPX-SD-4509-0000-0005	50-29-3	4.5		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	aldrin	LPX-SD-4509-0000-0005	309-00-2	0.29	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	a-chlordane	LPX-SD-4509-0000-0005	5103-71-9	22.57		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	g-chlordane	LPX-SD-4509-0000-0005	5103-74-2	22.42		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	a-BHC	LPX-SD-4509-0000-0005	319-84-6	0.31	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	b-BHC	LPX-SD-4509-0000-0005	319-85-7	0.27	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	d-BHC	LPX-SD-4509-0000-0005	319-86-8	0.34	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Lindane	LPX-SD-4509-0000-0005	58-89-9	0.3	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	dieldrin	LPX-SD-4509-0000-0005	60-57-1	0.34	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	endosulfan I	LPX-SD-4509-0000-0005	959-98-8	0.35	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	endosulfan II	LPX-SD-4509-0000-0005	33213-65-9	13.36		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4509-0000-0005	1031-07-8	0.41	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	endrin	LPX-SD-4509-0000-0005	72-20-8	0.34	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	endrin aldehyde	LPX-SD-4509-0000-0005	7421-93-4	0.46	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	endrin ketone	LPX-SD-4509-0000-0005	53494-70-5	0.35	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	heptachlor	LPX-SD-4509-0000-0005	76-44-8	0.32	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4509-0000-0005	1024-57-3	0.29	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	methoxychlor	LPX-SD-4509-0000-0005	72-43-5	0.47	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Toxaphene	LPX-SD-4509-0000-0005	8001-35-2	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Technical Chlordane	LPX-SD-4509-0000-0005	57-74-9	249.99		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1016	LPX-SD-4509-0000-0005	12674-11-2	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1221	LPX-SD-4509-0000-0005	11104-28-2	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1232	LPX-SD-4509-0000-0005	11141-16-5	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1242	LPX-SD-4509-0000-0005	53469-21-9	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1248	LPX-SD-4509-0000-0005	12672-29-6	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1254	LPX-SD-4509-0000-0005	11097-69-1	2574.34		NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1260	LPX-SD-4509-0000-0005	11096-82-5	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Aroclor 1268	LPX-SD-4509-0000-0005	11100-14-4	34.44	U	NG/G_DRY		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Cl2(14)	LPX-SD-4509-0000-0005	34883-41-5	124	&E	PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Cl3(34)	LPX-SD-4509-0000-0005	37680-68-5	95		PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Cl5(104)	LPX-SD-4509-0000-0005	56558-16-8	92		PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4509-0000-0005	PESTP	Cl5(112)	LPX-SD-4509-0000-0005	74472-36-9	70		PCT_REC		05-0122	BATD	S7376-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	4,4'-DDD	LPX-SD-4510-0000-0005	72-54-8	17.63		NG/G_DRY		05-0122	BATD	S7377-P	04/06/05	04/26/05

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ANALYSIS DATE	METHOD	MDL	RL	DILUTION FACTOR	PQL	LOWEST	DATA TYPE	LAB QUALIFIERS	RESULT	VALIDATION QUALIFIERS	VALIDATION REASON
05/03/05	BATD5-128	0.24	0.25		1.7	54.1	3	N	9.22	J	
05/03/05	BATD5-128	0.29	0.25		1.7	54.1	3	N	0.29	U	
05/03/05	BATD5-128	0.24	0.25		1.7	54.1	3	N	0.24	U	
05/03/05	BATD5-128	0.32	0.25		1.7	54.1	3	N	0.32	U	
05/03/05	BATD5-128	0.25	0.25		1.7	54.1	3	N	0.25	U	
05/03/05	BATD5-128	0.23	0.25		1.7	54.1	3	N	0.23	U	
05/03/05	BATD5-128	0.21	0.25		1.7	54.1	3	N	0.21	U	
05/03/05	BATD5-128	0.33	0.25		1.7	54.1	3	N	0.33	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	428.8	J	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	496.31	J	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128	24.46	24.46		1.7	54.1	3	N	24.46	U	
05/03/05	BATD5-128				1.7	54.1	3	N	139		
05/03/05	BATD5-128				1.7	54.1	3	N	96		
05/03/05	BATD5-128				1.7	54.1	3	N	84		
05/03/05	BATD5-128				1.7	54.1	3	N	55		
05/04/05	BATD5-128	0.53	0.35		1.7	67.5	3	N	26.45		
05/04/05	BATD5-128	0.34	0.35		1.7	67.5	3	N	33.55		
05/04/05	BATD5-128	0.31	0.35		1.7	67.5	3	N	4.5	J	
05/04/05	BATD5-128	0.29	0.35		1.7	67.5	3	N	0.29	U	
05/04/05	BATD5-128	0.29	0.35		1.7	67.5	3	N	22.57		
05/04/05	BATD5-128	0.26	0.35		1.7	67.5	3	N	22.42		
05/04/05	BATD5-128	0.31	0.35		1.7	67.5	3	N	0.31	U	
05/04/05	BATD5-128	0.27	0.35		1.7	67.5	3	N	0.27	U	
05/04/05	BATD5-128	0.34	0.35		1.7	67.5	3	N	0.34	U	
05/04/05	BATD5-128	0.3	0.35		1.7	67.5	3	N	0.3	U	
05/04/05	BATD5-128	0.34	0.35		1.7	67.5	3	N	0.34	U	
05/04/05	BATD5-128	0.35	0.35		1.7	67.5	3	N	0.35	U	
05/04/05	BATD5-128	0.34	0.35		1.7	67.5	3	N	13.36		
05/04/05	BATD5-128	0.41	0.35		1.7	67.5	3	N	0.41	U	
05/04/05	BATD5-128	0.34	0.35		1.7	67.5	3	N	0.34	U	
05/04/05	BATD5-128	0.46	0.35		1.7	67.5	3	N	0.46	U	
05/04/05	BATD5-128	0.35	0.35		1.7	67.5	3	N	0.35	U	
05/04/05	BATD5-128	0.32	0.35		1.7	67.5	3	N	0.32	U	
05/04/05	BATD5-128	0.29	0.35		1.7	67.5	3	N	0.29	U	
05/04/05	BATD5-128	0.47	0.35		1.7	67.5	3	N	0.47	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	249.99		
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	2574.34		
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128	34.44	34.44		1.7	67.5	3	N	34.44	U	
05/04/05	BATD5-128				1.7	67.5	3	N	124		
05/04/05	BATD5-128				1.7	67.5	3	N	95		
05/04/05	BATD5-128				1.7	67.5	3	N	92		
05/04/05	BATD5-128				1.7	67.5	3	N	70		
05/04/05	BATD5-128	0.52	0.34		1.7	66.5	3	N	17.63	J	

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SAMPLE	CLASS	PARAMETER	LAB_ID	CAS_NO	RESULT	LQ	MATRIX	BATCH	LAB	DATE_SAMP	DATE_EXTR
LPX-SD-4510-0000-0005	PESTP	4,4'-DDE	LPX-SD-4510-0000-0005	72-55-9	25.82		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	4,4'-DDT	LPX-SD-4510-0000-0005	50-29-3	4.32		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	aldrin	LPX-SD-4510-0000-0005	309-00-2	0.29	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	a-chlordane	LPX-SD-4510-0000-0005	5103-71-9	24.11		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	g-chlordane	LPX-SD-4510-0000-0005	5103-74-2	29.17		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	a-BHC	LPX-SD-4510-0000-0005	319-84-6	0.31	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	b-BHC	LPX-SD-4510-0000-0005	319-85-7	0.27	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	d-BHC	LPX-SD-4510-0000-0005	319-86-8	0.33	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Lindane	LPX-SD-4510-0000-0005	58-89-9	0.29	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	dieldrin	LPX-SD-4510-0000-0005	60-57-1	0.33	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	endosulfan I	LPX-SD-4510-0000-0005	959-98-8	0.35	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	endosulfan II	LPX-SD-4510-0000-0005	33213-65-9	12.57		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4510-0000-0005	1031-07-8	0.4	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	endrin	LPX-SD-4510-0000-0005	72-20-8	0.34	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	endrin aldehyde	LPX-SD-4510-0000-0005	7421-93-4	0.45	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	endrin ketone	LPX-SD-4510-0000-0005	53494-70-5	0.34	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	heptachlor	LPX-SD-4510-0000-0005	76-44-8	0.32	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4510-0000-0005	1024-57-3	0.29	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	methoxychlor	LPX-SD-4510-0000-0005	72-43-5	0.46	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Toxaphene	LPX-SD-4510-0000-0005	8001-35-2	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Technical Chlordane	LPX-SD-4510-0000-0005	57-74-9	266.22		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1016	LPX-SD-4510-0000-0005	12674-11-2	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1221	LPX-SD-4510-0000-0005	11104-28-2	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1232	LPX-SD-4510-0000-0005	11141-16-5	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1242	LPX-SD-4510-0000-0005	53469-21-9	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1248	LPX-SD-4510-0000-0005	12672-29-6	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1254	LPX-SD-4510-0000-0005	11097-69-1	2026.85		NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1260	LPX-SD-4510-0000-0005	11096-82-5	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Aroclor 1268	LPX-SD-4510-0000-0005	11100-14-4	33.95	U	NG/G_DRY	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Cl2(14)	LPX-SD-4510-0000-0005	34883-41-5	135	&E	PCT_REC	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Cl3(34)	LPX-SD-4510-0000-0005	37680-68-5	95		PCT_REC	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Cl5(104)	LPX-SD-4510-0000-0005	56558-16-8	95		PCT_REC	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4510-0000-0005	PESTP	Cl5(112)	LPX-SD-4510-0000-0005	74472-36-9	69		PCT_REC	05-0122	BATD	S7377-P	04/06/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	4,4'-DDD	LPX-SD-4204-0000-0050	72-54-8	12.51	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	4,4'-DDE	LPX-SD-4204-0000-0050	72-55-9	20.22	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	4,4'-DDT	LPX-SD-4204-0000-0050	50-29-3	5.46	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	aldrin	LPX-SD-4204-0000-0050	309-00-2	0.39	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	a-chlordane	LPX-SD-4204-0000-0050	5103-71-9	17.37	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	g-chlordane	LPX-SD-4204-0000-0050	5103-74-2	19.69	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	a-BHC	LPX-SD-4204-0000-0050	319-84-6	0.42	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	b-BHC	LPX-SD-4204-0000-0050	319-85-7	0.37	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	d-BHC	LPX-SD-4204-0000-0050	319-86-8	0.45	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Lindane	LPX-SD-4204-0000-0050	58-89-9	0.4	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	dieldrin	LPX-SD-4204-0000-0050	60-57-1	0.46	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	endosulfan I	LPX-SD-4204-0000-0050	959-98-8	0.48	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	endosulfan II	LPX-SD-4204-0000-0050	33213-65-9	8.53	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	endosulfan sulfate	LPX-SD-4204-0000-0050	1031-07-8	0.55	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	endrin	LPX-SD-4204-0000-0050	72-20-8	0.46	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	endrin aldehyde	LPX-SD-4204-0000-0050	7421-93-4	0.62	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	endrin ketone	LPX-SD-4204-0000-0050	53494-70-5	0.47	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	heptachlor	LPX-SD-4204-0000-0050	76-44-8	0.43	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	heptachlor epoxide	LPX-SD-4204-0000-0050	1024-57-3	0.39	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	methoxychlor	LPX-SD-4204-0000-0050	72-43-5	0.63	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Toxaphene	LPX-SD-4204-0000-0050	8001-35-2	46.66	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Technical Chlordane	LPX-SD-4204-0000-0050	57-74-9	208.58	T	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1016	LPX-SD-4204-0000-0050	12674-11-2	46.66	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1221	LPX-SD-4204-0000-0050	11104-28-2	46.66	UT	NG/G_DRY	05-0122	BATD	S7378-P	04/07/05	04/26/05

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ANALYSIS DATE	METHOD										
05/04/05	BATD5-128	0.34	0.34		1.7	66.5	3	N	25.82	J	
05/04/05	BATD5-128	0.31	0.34		1.7	66.5	3	N	4.32	J	
05/04/05	BATD5-128	0.29	0.34		1.7	66.5	3	N	0.29	U	
05/04/05	BATD5-128	0.29	0.34		1.7	66.5	3	N	24.11	J	
05/04/05	BATD5-128	0.26	0.34		1.7	66.5	3	N	29.17	J	
05/04/05	BATD5-128	0.31	0.34		1.7	66.5	3	N	0.31	U	
05/04/05	BATD5-128	0.27	0.34		1.7	66.5	3	N	0.27	U	
05/04/05	BATD5-128	0.33	0.34		1.7	66.5	3	N	0.33	U	
05/04/05	BATD5-128	0.29	0.34		1.7	66.5	3	N	0.29	U	
05/04/05	BATD5-128	0.33	0.34		1.7	66.5	3	N	0.33	U	
05/04/05	BATD5-128	0.35	0.34		1.7	66.5	3	N	0.35	U	
05/04/05	BATD5-128	0.34	0.34		1.7	66.5	3	N	12.57	J	
05/04/05	BATD5-128	0.4	0.34		1.7	66.5	3	N	0.4	U	
05/04/05	BATD5-128	0.34	0.34		1.7	66.5	3	N	0.34	U	
05/04/05	BATD5-128	0.45	0.34		1.7	66.5	3	N	0.45	U	
05/04/05	BATD5-128	0.34	0.34		1.7	66.5	3	N	0.34	U	
05/04/05	BATD5-128	0.32	0.34		1.7	66.5	3	N	0.32	U	
05/04/05	BATD5-128	0.29	0.34		1.7	66.5	3	N	0.29	U	
05/04/05	BATD5-128	0.46	0.34		1.7	66.5	3	N	0.46	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	266.22	J	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	2026.85	J	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128	33.95	33.95		1.7	66.5	3	N	33.95	U	
05/04/05	BATD5-128				1.7	66.5	3	N	135		
05/04/05	BATD5-128				1.7	66.5	3	N	95		
05/04/05	BATD5-128				1.7	66.5	3	N	95		
05/04/05	BATD5-128				1.7	66.5	3	N	69		
05/04/05	BATD5-128	0.72	0.47		1.7	62.6	3	N	12.51	J	
05/04/05	BATD5-128	0.46	0.47		1.7	62.6	3	N	20.22	J	
05/04/05	BATD5-128	0.43	0.47		1.7	62.6	3	N	5.46	J	
05/04/05	BATD5-128	0.39	0.47		1.7	62.6	3	N	0.39	UJ	
05/04/05	BATD5-128	0.4	0.47		1.7	62.6	3	N	17.37	J	
05/04/05	BATD5-128	0.35	0.47		1.7	62.6	3	N	19.69	J	
05/04/05	BATD5-128	0.42	0.47		1.7	62.6	3	N	0.42	UJ	
05/04/05	BATD5-128	0.37	0.47		1.7	62.6	3	N	0.37	UJ	
05/04/05	BATD5-128	0.45	0.47		1.7	62.6	3	N	0.45	UJ	
05/04/05	BATD5-128	0.4	0.47		1.7	62.6	3	N	0.4	UJ	
05/04/05	BATD5-128	0.46	0.47		1.7	62.6	3	N	0.46	UJ	
05/04/05	BATD5-128	0.48	0.47		1.7	62.6	3	N	0.48	UJ	
05/04/05	BATD5-128	0.46	0.47		1.7	62.6	3	N	8.53	J	
05/04/05	BATD5-128	0.55	0.47		1.7	62.6	3	N	0.55	UJ	
05/04/05	BATD5-128	0.46	0.47		1.7	62.6	3	N	0.46	UJ	
05/04/05	BATD5-128	0.62	0.47		1.7	62.6	3	N	0.62	UJ	
05/04/05	BATD5-128	0.47	0.47		1.7	62.6	3	N	0.47	UJ	
05/04/05	BATD5-128	0.43	0.47		1.7	62.6	3	N	0.43	UJ	
05/04/05	BATD5-128	0.39	0.47		1.7	62.6	3	N	0.39	UJ	
05/04/05	BATD5-128	0.63	0.47		1.7	62.6	3	N	0.63	UJ	
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ	
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	208.58	J	
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ	
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ	

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SAMPLE_NO	CLASS	PARAM	LAB_SAMPLE_NO	CAS_NO	RESULT	LAB_QUAL	MATRIX	LOT	SDG	LAB	LAB_SAMPLE_NO	RECEIVED_DATE	EXTRACTION_DATE
LPX-SD-4204-0000-0050	PESTP	Aroclor 1232	LPX-SD-4204-0000-0050	11141-16-5	46.66	UT	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1242	LPX-SD-4204-0000-0050	53469-21-9	46.66	UT	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1248	LPX-SD-4204-0000-0050	12672-29-6	46.66	UT	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1254	LPX-SD-4204-0000-0050	11097-69-1	1289.39	T	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1260	LPX-SD-4204-0000-0050	11096-82-5	46.66	UT	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Aroclor 1268	LPX-SD-4204-0000-0050	11100-14-4	46.66	UT	NG/G_DRY		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Cl2(14)	LPX-SD-4204-0000-0050	34883-41-5	140	&E	PCT_REC		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Cl3(34)	LPX-SD-4204-0000-0050	37680-68-5	92		PCT_REC		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Cl5(104)	LPX-SD-4204-0000-0050	56558-16-8	86		PCT_REC		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4204-0000-0050	PESTP	Cl5(112)	LPX-SD-4204-0000-0050	74472-36-9	66		PCT_REC		05-0122	BATD	S7378-P	04/07/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	4,4'-DDD	LPX-SD-4501-0000-0005	72-54-8	17.70		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	4,4'-DDE	LPX-SD-4501-0000-0005	72-55-9	41.20		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	4,4'-DDT	LPX-SD-4501-0000-0005	50-29-3	13.18		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	aldrin	LPX-SD-4501-0000-0005	309-00-2	0.45	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	a-chlordane	LPX-SD-4501-0000-0005	5103-71-9	19.23		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	g-chlordane	LPX-SD-4501-0000-0005	5103-74-2	20.93		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	a-BHC	LPX-SD-4501-0000-0005	319-84-6	0.49	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	b-BHC	LPX-SD-4501-0000-0005	319-85-7	0.43	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	d-BHC	LPX-SD-4501-0000-0005	319-86-8	0.52	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Lindane	LPX-SD-4501-0000-0005	58-89-9	0.46	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	dieldrin	LPX-SD-4501-0000-0005	60-57-1	0.53	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	endosulfan I	LPX-SD-4501-0000-0005	959-98-8	0.55	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	endosulfan II	LPX-SD-4501-0000-0005	33213-65-9	11.51		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	endosulfan sulfate	LPX-SD-4501-0000-0005	1031-07-8	0.63	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	endrin	LPX-SD-4501-0000-0005	72-20-8	0.53	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	endrin aldehyde	LPX-SD-4501-0000-0005	7421-93-4	0.71	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	endrin ketone	LPX-SD-4501-0000-0005	53494-70-5	0.54	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	heptachlor	LPX-SD-4501-0000-0005	76-44-8	0.50	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	heptachlor epoxide	LPX-SD-4501-0000-0005	1024-57-3	0.45	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	methoxychlor	LPX-SD-4501-0000-0005	72-43-5	0.72	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Toxaphene	LPX-SD-4501-0000-0005	8001-35-2	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Technical Chlordane	LPX-SD-4501-0000-0005	57-74-9	236.88		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1016	LPX-SD-4501-0000-0005	12674-11-2	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1221	LPX-SD-4501-0000-0005	11104-28-2	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1232	LPX-SD-4501-0000-0005	11141-16-5	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1242	LPX-SD-4501-0000-0005	53469-21-9	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1248	LPX-SD-4501-0000-0005	12672-29-6	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1254	LPX-SD-4501-0000-0005	11097-69-1	1653.93		NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1260	LPX-SD-4501-0000-0005	11096-82-5	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Aroclor 1268	LPX-SD-4501-0000-0005	11100-14-4	53.33	U	NG/G_DRY		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Cl2(14)	LPX-SD-4501-0000-0005	34883-41-5	115		PCT_REC		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Cl3(34)	LPX-SD-4501-0000-0005	37680-68-5	100		PCT_REC		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Cl5(104)	LPX-SD-4501-0000-0005	56558-16-8	90		PCT_REC		05-0122	BATD	S7437-P	04/26/05	04/26/05
LPX-SD-4501-0000-0005	PESTP	Cl5(112)	LPX-SD-4501-0000-0005	74472-36-9	77		PCT_REC		05-0122	BATD	S7437-P	04/26/05	04/26/05
S7437MS-P	PESTP	4,4'-DDD	S7437MS-P	72-54-8	106		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	4,4'-DDE	S7437MS-P	72-55-9	183	~	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	4,4'-DDT	S7437MS-P	50-29-3	99		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	aldrin	S7437MS-P	309-00-2	105		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	a-chlordane	S7437MS-P	5103-71-9	109		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	g-chlordane	S7437MS-P	5103-74-2	115		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	a-BHC	S7437MS-P	319-84-6	135	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	b-BHC	S7437MS-P	319-85-7	0	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	d-BHC	S7437MS-P	319-86-8	125	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	Lindane	S7437MS-P	58-89-9	137	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	dieldrin	S7437MS-P	60-57-1	117		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	endosulfan I	S7437MS-P	959-98-8	112		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	endosulfan II	S7437MS-P	33213-65-9	99		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05

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05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ		
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ		
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ		
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	1289.39	J		
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ		
05/04/05	BATD5-128	46.66	46.66		1.7	62.6	3	N	46.66	UJ		
05/04/05	BATD5-128				1.7	62.6	3	N	140			
05/04/05	BATD5-128				1.7	62.6	3	N	92			
05/04/05	BATD5-128				1.7	62.6	3	N	86			
05/04/05	BATD5-128				1.7	62.6	3	N	66			
05/04/05	BATD5-128	0.82	0.54		1.7	98.5	3	N	17.70			
05/04/05	BATD5-128	0.53	0.54		1.7	98.5	3	N	41.20	J		
05/04/05	BATD5-128	0.49	0.54		1.7	98.5	3	N	13.18	J		
05/04/05	BATD5-128	0.45	0.54		1.7	98.5	3	N	0.45	U		
05/04/05	BATD5-128	0.46	0.54		1.7	98.5	3	N	19.23	J		
05/04/05	BATD5-128	0.41	0.54		1.7	98.5	3	N	20.93	J		
05/04/05	BATD5-128	0.49	0.54		1.7	98.5	3	N	0.49	U		
05/04/05	BATD5-128	0.43	0.54		1.7	98.5	3	N	0.43	U		
05/04/05	BATD5-128	0.52	0.54		1.7	98.5	3	N	0.52	U		
05/04/05	BATD5-128	0.46	0.54		1.7	98.5	3	N	0.46	U		
05/04/05	BATD5-128	0.53	0.54		1.7	98.5	3	N	0.53	U		
05/04/05	BATD5-128	0.55	0.54		1.7	98.5	3	N	0.55	U		
05/04/05	BATD5-128	0.53	0.54		1.7	98.5	3	N	11.51			
05/04/05	BATD5-128	0.63	0.54		1.7	98.5	3	N	0.63	U		
05/04/05	BATD5-128	0.53	0.54		1.7	98.5	3	N	0.53	U		
05/04/05	BATD5-128	0.71	0.54		1.7	98.5	3	N	0.71	U		
05/04/05	BATD5-128	0.54	0.54		1.7	98.5	3	N	0.54	U		
05/04/05	BATD5-128	0.50	0.54		1.7	98.5	3	N	0.50	U		
05/04/05	BATD5-128	0.45	0.54		1.7	98.5	3	N	0.45	U		
05/04/05	BATD5-128	0.72	0.54		1.7	98.5	3	N	0.72	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	236.88			
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	1653.93			
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128	53.33	53.33		1.7	98.5	3	N	53.33	U		
05/04/05	BATD5-128				1.7	98.5	3	N	115			
05/04/05	BATD5-128				1.7	98.5	3	N	100			
05/04/05	BATD5-128				1.7	98.5	3	N	90			
05/04/05	BATD5-128				1.7	98.5	3	N	77			
05/04/05	BATD5-128				1.7	98.5	3	MS	106			
05/04/05	BATD5-128				1.7	98.5	3	MS	183	~		
05/04/05	BATD5-128				1.7	98.5	3	MS	99			
05/04/05	BATD5-128				1.7	98.5	3	MS	105			
05/04/05	BATD5-128				1.7	98.5	3	MS	109			
05/04/05	BATD5-128				1.7	98.5	3	MS	115			
05/04/05	BATD5-128				1.7	98.5	3	MS	135	&		
05/04/05	BATD5-128				1.7	98.5	3	MS	0	&		
05/04/05	BATD5-128				1.7	98.5	3	MS	125	&		
05/04/05	BATD5-128				1.7	98.5	3	MS	137	&		
05/04/05	BATD5-128				1.7	98.5	3	MS	117			
05/04/05	BATD5-128				1.7	98.5	3	MS	112			
05/04/05	BATD5-128				1.7	98.5	3	MS	99			

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SAMPLE	CLASS	PARAMETER	LAB SAMPLE	CASNO	RESULT	LQ	MATRIX	QC	LAB	BATCH	DATE	EXTR DATE
S7437MS-P	PESTP	endosulfan sulfate	S7437MS-P	1031-07-8	0	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	endrin	S7437MS-P	72-20-8	153	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	endrin aldehyde	S7437MS-P	7421-93-4	78		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	endrin ketone	S7437MS-P	53494-70-5	102		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	heptachlor	S7437MS-P	76-44-8	0	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	heptachlor epoxide	S7437MS-P	1024-57-3	82		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	methoxychlor	S7437MS-P	72-43-5	0	&	PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	Cl2(14)	S7437MS-P	34883-41-5	117		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	Cl3(34)	S7437MS-P	37680-68-5	96		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	Cl5(104)	S7437MS-P	56558-16-8	94		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MS-P	PESTP	Cl5(112)	S7437MS-P	74472-36-9	84		PCT_REC		05-0122	BATD	S7437MS-P	04/26/05	04/26/05
S7437MSD-P	PESTP	4,4'-DDD	S7437MSD-P	72-54-8	107		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	4,4'-DDE	S7437MSD-P	72-55-9	152	~	PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	4,4'-DDT	S7437MSD-P	50-29-3	108		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	aldrin	S7437MSD-P	309-00-2	84		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	a-chlordane	S7437MSD-P	5103-71-9	73		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	g-chlordane	S7437MSD-P	5103-74-2	77		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	a-BHC	S7437MSD-P	319-84-6	109		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	b-BHC	S7437MSD-P	319-85-7	93		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	d-BHC	S7437MSD-P	319-86-8	103		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	Lindane	S7437MSD-P	58-89-9	105		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	dieldrin	S7437MSD-P	60-57-1	116		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	endosulfan I	S7437MSD-P	959-98-8	94		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	endosulfan II	S7437MSD-P	33213-65-9	93		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	endosulfan sulfate	S7437MSD-P	1031-07-8	0	&	PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	endrin	S7437MSD-P	72-20-8	158	&	PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	endrin aldehyde	S7437MSD-P	7421-93-4	90		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	endrin ketone	S7437MSD-P	53494-70-5	100		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	heptachlor	S7437MSD-P	76-44-8	128	&	PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	heptachlor epoxide	S7437MSD-P	1024-57-3	69		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	methoxychlor	S7437MSD-P	72-43-5	0	&	PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	Cl2(14)	S7437MSD-P	34883-41-5	95		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	Cl3(34)	S7437MSD-P	37680-68-5	83		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	Cl5(104)	S7437MSD-P	56558-16-8	81		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
S7437MSD-P	PESTP	Cl5(112)	S7437MSD-P	74472-36-9	83		PCT_REC		05-0122	BATD	S7437MSD-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	4,4'-DDD	LPX-SD-4205-0000-0050	72-54-8	23.34	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	4,4'-DDE	LPX-SD-4205-0000-0050	72-55-9	32.09	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	4,4'-DDT	LPX-SD-4205-0000-0050	50-29-3	7.63	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	aldrin	LPX-SD-4205-0000-0050	309-00-2	1.45	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	a-chlordane	LPX-SD-4205-0000-0050	5103-71-9	33.49	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	g-chlordane	LPX-SD-4205-0000-0050	5103-74-2	33.01	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	a-BHC	LPX-SD-4205-0000-0050	319-84-6	1.58	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	b-BHC	LPX-SD-4205-0000-0050	319-85-7	1.37	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	d-BHC	LPX-SD-4205-0000-0050	319-86-8	1.68	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Lindane	LPX-SD-4205-0000-0050	58-89-9	1.49	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	dieldrin	LPX-SD-4205-0000-0050	60-57-1	1.69	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	endosulfan I	LPX-SD-4205-0000-0050	959-98-8	1.78	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	endosulfan II	LPX-SD-4205-0000-0050	33213-65-9	15.74	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	endosulfan sulfate	LPX-SD-4205-0000-0050	1031-07-8	2.03	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	endrin	LPX-SD-4205-0000-0050	72-20-8	1.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	endrin aldehyde	LPX-SD-4205-0000-0050	7421-93-4	2.29	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	endrin ketone	LPX-SD-4205-0000-0050	53494-70-5	1.74	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	heptachlor	LPX-SD-4205-0000-0050	76-44-8	1.61	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	heptachlor epoxide	LPX-SD-4205-0000-0050	1024-57-3	1.46	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	methoxychlor	LPX-SD-4205-0000-0050	72-43-5	2.34	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Toxaphene	LPX-SD-4205-0000-0050	8001-35-2	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Technical Chlordane	LPX-SD-4205-0000-0050	57-74-9	387.66	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05

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ANALYSIS DATE	METHOD	COL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
05/04/05	BATD5-128				1.7	98.5	3	MS	0	&	
05/04/05	BATD5-128				1.7	98.5	3	MS	153	&	
05/04/05	BATD5-128				1.7	98.5	3	MS	78		
05/04/05	BATD5-128				1.7	98.5	3	MS	102		
05/04/05	BATD5-128				1.7	98.5	3	MS	0	&	
05/04/05	BATD5-128				1.7	98.5	3	MS	82		
05/04/05	BATD5-128				1.7	98.5	3	MS	0	&	
05/04/05	BATD5-128				1.7	98.5	3	MS	117		
05/04/05	BATD5-128				1.7	98.5	3	MS	96		
05/04/05	BATD5-128				1.7	98.5	3	MS	94		
05/04/05	BATD5-128				1.7	98.5	3	MS	84		
05/04/05	BATD5-128				1.7	98.5	3	MSD	107		
05/04/05	BATD5-128				1.7	98.5	3	MSD	152	~	
05/04/05	BATD5-128				1.7	98.5	3	MSD	108		
05/04/05	BATD5-128				1.7	98.5	3	MSD	84		
05/04/05	BATD5-128				1.7	98.5	3	MSD	73		
05/04/05	BATD5-128				1.7	98.5	3	MSD	77		
05/04/05	BATD5-128				1.7	98.5	3	MSD	109		
05/04/05	BATD5-128				1.7	98.5	3	MSD	93		
05/04/05	BATD5-128				1.7	98.5	3	MSD	103		
05/04/05	BATD5-128				1.7	98.5	3	MSD	105		
05/04/05	BATD5-128				1.7	98.5	3	MSD	116		
05/04/05	BATD5-128				1.7	98.5	3	MSD	94		
05/04/05	BATD5-128				1.7	98.5	3	MSD	93		
05/04/05	BATD5-128				1.7	98.5	3	MSD	0	&	
05/04/05	BATD5-128				1.7	98.5	3	MSD	158	&	
05/04/05	BATD5-128				1.7	98.5	3	MSD	90		
05/04/05	BATD5-128				1.7	98.5	3	MSD	100		
05/04/05	BATD5-128				1.7	98.5	3	MSD	128	&	
05/04/05	BATD5-128				1.7	98.5	3	MSD	69		
05/04/05	BATD5-128				1.7	98.5	3	MSD	0	&	
05/04/05	BATD5-128				1.7	98.5	3	MSD	95		
05/04/05	BATD5-128				1.7	98.5	3	MSD	83		
05/04/05	BATD5-128				1.7	98.5	3	MSD	81		
05/04/05	BATD5-128				1.7	98.5	3	MSD	83		
05/04/05	BATD5-128	2.66	1.74		1.7	93.9	3	N	23.34	J	
05/04/05	BATD5-128	1.71	1.74		1.7	93.9	3	N	32.09	J	
05/04/05	BATD5-128	1.58	1.74		1.7	93.9	3	N	7.63	J	
05/04/05	BATD5-128	1.45	1.74		1.7	93.9	3	N	1.45	UJ	
05/04/05	BATD5-128	1.47	1.74		1.7	93.9	3	N	33.49	J	
05/04/05	BATD5-128	1.31	1.74		1.7	93.9	3	N	33.01	J	
05/04/05	BATD5-128	1.58	1.74		1.7	93.9	3	N	1.58	UJ	
05/04/05	BATD5-128	1.37	1.74		1.7	93.9	3	N	1.37	UJ	
05/04/05	BATD5-128	1.68	1.74		1.7	93.9	3	N	1.68	UJ	
05/04/05	BATD5-128	1.49	1.74		1.7	93.9	3	N	1.49	UJ	
05/04/05	BATD5-128	1.69	1.74		1.7	93.9	3	N	1.69	UJ	
05/04/05	BATD5-128	1.78	1.74		1.7	93.9	3	N	1.78	UJ	
05/04/05	BATD5-128	1.71	1.74		1.7	93.9	3	N	15.74	J	
05/04/05	BATD5-128	2.03	1.74		1.7	93.9	3	N	2.03	UJ	
05/04/05	BATD5-128	1.71	1.74		1.7	93.9	3	N	1.71	UJ	
05/04/05	BATD5-128	2.29	1.74		1.7	93.9	3	N	2.29	UJ	
05/04/05	BATD5-128	1.74	1.74		1.7	93.9	3	N	1.74	UJ	
05/04/05	BATD5-128	1.61	1.74		1.7	93.9	3	N	1.61	UJ	
05/04/05	BATD5-128	1.46	1.74		1.7	93.9	3	N	1.46	UJ	
05/04/05	BATD5-128	2.34	1.74		1.7	93.9	3	N	2.34	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	387.66	J	

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[illegible]	CLASS	PARAMETER	[illegible]	CASNO	[illegible]	[illegible]	UNITS	[illegible]	SDG	LABORATORY	LABID	REC_DATE	EXTR_DATE
LPX-SD-4205-0000-0050	PESTP	Aroclor 1016	LPX-SD-4205-0000-0050	12674-11-2	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1221	LPX-SD-4205-0000-0050	11104-28-2	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1232	LPX-SD-4205-0000-0050	11141-16-5	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1242	LPX-SD-4205-0000-0050	53469-21-9	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1248	LPX-SD-4205-0000-0050	12672-29-6	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1254	LPX-SD-4205-0000-0050	11097-69-1	2048.23	T	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1260	LPX-SD-4205-0000-0050	11096-82-5	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Aroclor 1268	LPX-SD-4205-0000-0050	11100-14-4	172.71	UT	NG/G_DRY		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Cl2(14)	LPX-SD-4205-0000-0050	34883-41-5	100		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Cl3(34)	LPX-SD-4205-0000-0050	37680-68-5	89		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Cl5(104)	LPX-SD-4205-0000-0050	56558-16-8	85		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05
LPX-SD-4205-0000-0050	PESTP	Cl5(112)	LPX-SD-4205-0000-0050	74472-36-9	80		PCT_REC		05-0122	BATD	S7438-P	04/26/05	04/26/05

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05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	2048.23	J	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128	172.71	172.71		1.7	93.9	3	N	172.71	UJ	
05/04/05	BATD5-128				1.7	93.9	3	N	100		
05/04/05	BATD5-128				1.7	93.9	3	N	89		
05/04/05	BATD5-128				1.7	93.9	3	N	85		
05/04/05	BATD5-128				1.7	93.9	3	N	80		

Section 4
Metals Results

METALS QA/QC SUMMARY
QC Batch 2388

PROJECT: USACE New England District Delivery Order #01 Centredale

PARAMETER: Mercury Speciation

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

MATRIX: Sediment

SAMPLE CUSTODY: Twelve sediment samples for mercury speciation analysis were received on April 7 and 8, 2005. The temperatures of the coolers were 2°C to 6°C, which is appropriate for sediment samples for mercury speciation. The samples were stored frozen until analysis. The samples were analyzed on a wet weight basis and concentrations are reported on a dry weight basis calculated from a percent moisture determined on each sample.

In addition, two samples each were received from Battelle Duxbury and Mitkem on 4/13/05 for compositing with the remaining MSL samples and freeze-drying. The temperatures of the coolers were 3.7°C (BOS) which is appropriate for sediment samples, and 7.3°C (Mitkem), which slightly exceeds the target range of 4±2°C. It was noted by the sample custodian that ice was still present in the cooler, but lack of packing around the samples made it impossible to get an air temperature reading in the vicinity of the samples without immersing the probe in the ice. Therefore, it is probable that the samples were cooler than the air temperature above them and unlikely that sample integrity was compromised. The samples were stored frozen until analysis they were composited, freeze-dried, and returned to the senders on 5/25/05.

QA/QC MEASUREMENT PERFORMANCE CRITERIA (MPC):

	Reference Method	Blank	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved RL	Project Goals [b] (µg/g dry)
Total Mercury /Methyl Mercury	EPA Method 1631 Appendix A Bloom et al. 1997	<5× MDL, or associated samples >5× blank values	*LCS* and *MS/MSD:* 70-120% Recovery	PD≤ 25% from certified values (certified values >5x MDL)	≤30% RPD[a]	0.000191 µg/g for total mercury and 0.0135 ng/g for methyl-mercury	0.000727 µg/g for total mercury and 0.000242 µg/g for methyl-mercury

[a] Analyte concentration in MS/MSD must be >5× background concentration to be used for data quality assessment.

[b] Based on the Human Health Risk Assessment

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METALS QA/QC SUMMARY
QC Batch 2388

METHOD:

Total Mercury: Samples were completely digested using aqua regia as outlined in EPA Method 1631 Appendix A. The mercury ions in the digestate were reduced by acidic $SnCl_2$ to elemental mercury and purged from the sample with argon. The released mercury was measured by cold vapor atomic fluorescence (EPA, 2002).

Methylmercury: The samples were extracted following the procedure of Bloom et al. 1997. An ethylating agent was added to the extract to form a volatile methyl-ethylmercury derivative, and then purged onto graphitized carbon traps as a means of preconcentration and interference removal. The samples were then isothermally chromatographed, pyrolitically broken down to elemental mercury, and detected using a cold vapor fluorescence detector using the method of Bloom, 1989.

HOLDING TIMES:

Two of the samples were received at Battelle MSL beyond the 28 day holding time from collection. However, because the samples have been frozen since the time of collection, it is unlikely sample integrity was impacted. The samples were digested for total mercury on 4/18/05 and analyzed on 4/20/05.

It was noted during analysis that both the matrix spike and the matrix spike were inadvertently placed in the same sample (the sample intended for the matrix spike duplicate). The analyst performed a post-spike on the sample matrix spike but, just to be certain it was analyst error and not a matrix effect or sample inhomogeneity, the sample and its spikes were re-digested on 4/21/05 and re-analyzed on 4/22/05. All data are reported.

The samples were extracted for methylmercury analysis on 4/18/05 and analyzed on 4/19/05. All samples were analyzed within the 28 days of receipt.

Task	Digestion Date	Analysis Date
Total Mercury	4/21/2005	4/22/2005
Methyl Mercury	4/18/2005	4/19/2005

DETECTION LIMITS:

The average achieved detection limit was 0.000191 µg/g for total mercury and 0.0135 ng/g for methylmercury

BLANKS:

A laboratory method blank (MB) was prepared with the study samples. Blanks are analyzed to ensure that the sample extraction and analysis methods were free of contamination.

2388 – No exceedances.

Total Hg was detected at <5x the achieved MDL and well below the sample concentrations. Methylmercury was not detected in any of the blanks. The project DQO of <5x the MDL was met.

LABORATORY CONTROL SAMPLE:

One blank spike (LCS) sample was analyzed with the samples for total mercury. The recovery was 85%. The project DQO of 70-130% recovery was met.

2388 – No exceedences.

METALS QA/QC SUMMARY
QC Batch 2388

REPLICATE: One sample was analyzed in duplicate for methylmercury and two samples were analyzed in duplicate for total mercury. RPDs ranged 2% to 7%. All data quality objectives were met.

2388 – No exceedences.

MATRIX SPIKES: Matrix spike/matrix spike duplicate pairs were analyzed with the samples. The recoveries were 80% to 101% for total mercury, with RPDs of 6% and 7%. The recoveries were 104% and 90% for methyl mercury, with an RPD of 14%.

2388 – No exceedences.

SRM: Samples of the standard reference material IAEA 405 were analyzed for total mercury and methylmercury. The recoveries were from 94% and 100% of the certified values for total mercury and 80% to 82% of the certified values for methylmercury.

2388 – No exceedences.

Comment: This SRM was certified using the distillation method, which has since been found to exhibit a methylation artifact. Therefore, the methylmercury results are always lower when these samples are analyzed by the extraction method, and historically fall within the range of 70% to 95% recovery.

REFERENCES:

Battelle 2002. *Final Quality Assurance Project Plan Addendum, Interim Data Collection, Centredale Manor Restoration Project Site* (QAPP Addendum; September 2002).

Bloom, N., J. Colman, and L. Barber. 1997. "Artifact Formation of Methylmercury during Aqueous Distillation and Alternative Techniques for the Extraction of Methylmercury from Environmental Samples". Fresenius J. Anal. Chem 358:371-377.

Bloom, NS 1989. Determination of Picogram Levels of Methylmercury by Aqueous Phase Ethylation, Followed by Cryogenic Gas Chromatography with Cold Vapor Atomic Fluorescence Detection. *Can. J. Fish. Aquat, Sci.*, Vol. 46, 1989.

EPA. 2002. Method 1631e. Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Atomic Fluorescence Spectrometry. EPA 821-R-02-019. August 2002.

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE
LPX-SD-4501-0000-0005	M	THg	LPX-SD-4501-0000-0005	7439-97-6	0.575		UG/G_DRYWT		042005HGA	MSL	2388-1	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4502-0000-0005	M	THg	LPX-SD-4502-0000-0005	7439-97-6	0.450		UG/G_DRYWT		042005HGA	MSL	2388-2	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4503-0000-0005	M	THg	LPX-SD-4503-0000-0005	7439-97-6	0.565		UG/G_DRYWT		042005HGA	MSL	2388-3 r1	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4503-0000-0005DUP	M	THg	LPX-SD-4503-0000-0005DUP	7439-97-6	0.527		UG/G_DRYWT		042005HGA	MSL	2388-3 r2	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4504-0000-0005	M	THg	LPX-SD-4504-0000-0005	7439-97-6	0.490		UG/G_DRYWT		042005HGA	MSL	2388-4	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4505-0000-0005	M	THg	LPX-SD-4505-0000-0005	7439-97-6	0.537		UG/G_DRYWT		042005HGA	MSL	2388-5	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4506-0000-0005	M	THg	LPX-SD-4506-0000-0005	7439-97-6	0.511		UG/G_DRYWT		042005HGA	MSL	2388-6	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4507-0000-0005	M	THg	LPX-SD-4507-0000-0005	7439-97-6	0.316		UG/G_DRYWT		042005HGA	MSL	2388-7 r1	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4507-0000-0005DUP	M	THg	LPX-SD-4507-0000-0005DUP	7439-97-6	0.304		UG/G_DRYWT		042205HGA	MSL	2388-7 r2	4/7/2005	4/18/2005	4/22/2005
LPX-SD-4508-0000-0005	M	THg	LPX-SD-4508-0000-0005	7439-97-6	0.212		UG/G_DRYWT		042005HGA	MSL	2388-8	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4509-0000-0005	M	THg	LPX-SD-4509-0000-0005	7439-97-6	0.582		UG/G_DRYWT		042005HGA	MSL	2388-9	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4510-0000-0005	M	THg	LPX-SD-4510-0000-0005	7439-97-6	0.822		UG/G_DRYWT		042005HGA	MSL	2388-10	4/7/2005	4/18/2005	4/20/2005
LPX-SD-4204-0000-0050	M	THg	LPX-SD-4204-0000-0050	7439-97-6	0.468		UG/G_DRYWT		042005HGA	MSL	2388-11	4/8/2005	4/18/2005	4/20/2005
LPX-SD-4205-0000-0050	M	THg	LPX-SD-4205-0000-0050	7439-97-6	0.585		UG/G_DRYWT		042005HGA	MSL	2388-12	4/8/2005	4/18/2005	4/20/2005
LPX-SD-4507-0000-0005MS	M	THg	LPX-SD-4507-0000-0005MS	7439-97-6	101		PCT_REC		042005HGA	MSL	2388-7 MS		4/18/2005	4/20/2005
LPX-SD-4507-0000-0005MSD	M	THg	LPX-SD-4507-0000-0005MSD	7439-97-6	95		PCT_REC		042005HGA	MSL	2388-7 MSD		4/18/2005	4/20/2005
LPX-SD-4507-0000-0005MS	M	THg	LPX-SD-4507-0000-0005MS	7439-97-6	80		PCT_REC		042205HGA	MSL	2388-7 MS		4/18/2005	4/22/2005
LPX-SD-4507-0000-0005MSD	M	THg	LPX-SD-4507-0000-0005MSD	7439-97-6	85		PCT_REC		042205HGA	MSL	2388-7 MSD		4/18/2005	4/22/2005
LPX-SD-4501-0000-0005	M	MeHg	LPX-SD-4501-0000-0005	22967-92-6	1.92		NG/G_DRYWT		041905MEA	MSL	2388-1	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4502-0000-0005	M	MeHg	LPX-SD-4502-0000-0005	22967-92-6	0.989		NG/G_DRYWT		041905MEA	MSL	2388-2	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4503-0000-0005	M	MeHg	LPX-SD-4503-0000-0005	22967-92-6	1.06		NG/G_DRYWT		041905MEA	MSL	2388-3 r1	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4503-0000-0005DUP	M	MeHg	LPX-SD-4503-0000-0005DUP	22967-92-6	1.08		NG/G_DRYWT		041905MEA	MSL	2388-3 r2	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4504-0000-0005	M	MeHg	LPX-SD-4504-0000-0005	22967-92-6	1.37		NG/G_DRYWT		041905MEA	MSL	2388-4	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4505-0000-0005	M	MeHg	LPX-SD-4505-0000-0005	22967-92-6	0.853		NG/G_DRYWT		041905MEA	MSL	2388-5	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4506-0000-0005	M	MeHg	LPX-SD-4506-0000-0005	22967-92-6	0.495		NG/G_DRYWT		041905MEA	MSL	2388-6	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4507-0000-0005	M	MeHg	LPX-SD-4507-0000-0005	22967-92-6	0.458		NG/G_DRYWT		041905MEA	MSL	2388-7 r1	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4508-0000-0005	M	MeHg	LPX-SD-4508-0000-0005	22967-92-6	0.720		NG/G_DRYWT		041905MEA	MSL	2388-8	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4509-0000-0005	M	MeHg	LPX-SD-4509-0000-0005	22967-92-6	1.68		NG/G_DRYWT		041905MEA	MSL	2388-9	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4510-0000-0005	M	MeHg	LPX-SD-4510-0000-0005	22967-92-6	1.27		NG/G_DRYWT		041905MEA	MSL	2388-10	4/7/2005	4/18/2005	4/19/2005
LPX-SD-4204-0000-0050	M	MeHg	LPX-SD-4204-0000-0050	22967-92-6	1.25		NG/G_DRYWT		041905MEA	MSL	2388-11	4/8/2005	4/18/2005	4/19/2005
LPX-SD-4205-0000-0050	M	MeHg	LPX-SD-4205-0000-0050	22967-92-6	1.51		NG/G_DRYWT		041905MEA	MSL	2388-12	4/8/2005	4/18/2005	4/19/2005
LPX-SD-4507-0000-0005MS	M	MeHg	LPX-SD-4507-0000-0005MS	22967-92-6	104		PCT_REC		041905MEA	MSL	2388-7 MS		4/18/2005	4/19/2005
LPX-SD-4507-0000-0005MSD	M	MeHg	LPX-SD-4507-0000-0005MSD	22967-92-6	90		PCT_REC		041905MEA	MSL	2388-7 MSD		4/18/2005	4/19/2005

Filename: 2388 EDD 0505[illegible]dated.xls

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METHOD	MDL		RL	DF								
MSL-I-016	0.000190		0.0137	1	67.8			N	0.575			
MSL-I-016	0.000190		0.0137	1	67.1			N	0.450			
MSL-I-016	0.000190		0.0137	1	68.3			N	0.565			
MSL-I-016	0.000190		0.0137	1	68.3			DUP	0.527			
MSL-I-016	0.000190		0.0137	1	66.3			N	0.490			
MSL-I-016	0.000190		0.0137	1	67.8			N	0.537			
MSL-I-016	0.000190		0.0137	1	66.7			N	0.511			
MSL-I-016	0.000190		0.0137	1	60.8			N	0.316			
MSL-I-016	0.000190		0.0137	1	60.8			DUP	0.304			
MSL-I-016	0.000190		0.0137	1	59.2			N	0.212			
MSL-I-016	0.000190		0.0137	1	67.5			N	0.582			
MSL-I-016	0.000190		0.0137	1	66.9			N	0.822			
MSL-I-016	0.000190		0.0137	1	65.6			N	0.468	J		
MSL-I-016	0.000190		0.0137	1	69.9			N	0.585	J		
MSL-I-016	0.000190		0.0137	1	60.8			MS	101			
MSL-I-016	0.000190		0.0137	1	60.8			MSD	95			
MSL-I-016	0.000190		0.0137	1	60.8			MS	80			
MSL-I-016	0.000190		0.0137	1	60.8			MSD	85			
MSL-I-015	0.0135		0.17	1	67.8			N	1.92			
MSL-I-015	0.0135		0.17	1	67.1			N	0.989			
MSL-I-015	0.0135		0.17	1	68.3			N	1.06			
MSL-I-015	0.0135		0.17	1	68.3			DUP	1.08			
MSL-I-015	0.0135		0.17	1	66.3			N	1.37			
MSL-I-015	0.0135		0.17	1	67.8			N	0.853			
MSL-I-015	0.0135		0.17	1	66.7			N	0.495			
MSL-I-015	0.0135		0.17	1	60.8			N	0.458			
MSL-I-015	0.0135		0.17	1	59.2			N	0.720			
MSL-I-015	0.0135		0.17	1	67.5			N	1.68			
MSL-I-015	0.0135		0.17	1	66.9			N	1.27			
MSL-I-015	0.0135		0.17	1	65.6			N	1.25	J		
MSL-I-015	0.0135		0.17	1	69.9			N	1.51	J		
MSL-I-015	0.0135		0.17	1	60.8			MS	104			
MSL-I-015	0.0135		0.17	1	60.8			MSD	90			

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SDG Narrative

sediment. DDW 6/7/05

Mitkem Corporation submits the enclosed data package in response to Battelle Memorial Institute - Duxbury Operations' Centerdale – Lyman Mill Coring project. Under this deliverable, analysis results are presented for twelve soil samples that were received on April 7 and 8, 2005. Analyses were performed per specifications in the project's contract and the chain of custody forms. Sample identifications were shortened where necessary due to limitations in the software used to generate CLP-type report forms. A table of sample identifications showing full client ID, shortened client ID and laboratory ID follows this narrative, following the Mitkem Work Order.

The analyses were performed according to USEPA CLP Multi-Media, Multi-Concentration (ILM04.1) protocols.

The following observation and/or deviations are observed for the following analyses:

1. Overall Observation:

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

2. Metals Analysis:

Samples LPX-SD-4204 and LPX-SD-4205 were sent out for freeze-drying.

Lab control sample: spike recoveries were within the QC limits.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample LPXSD4504. Spike recoveries were within the QC limits with the exception of antimony, chromium and copper in the matrix spike and antimony and chromium for the matrix spike duplicate. These elements are flagged with an "N" on the data report forms. Replicate RPDs were within the QC limits with the exception of barium. Lead and zinc were outside of QC limits in both the matrix spike and matrix spike duplicate. The matrix spike percent recovery for lead and zinc could not be accurately determined, as the sample concentration was significantly greater than the spike concentration. When the

sample concentration is more than four times the spike concentration, it tends to obscure the relatively smaller spike amount; control limits do not apply in this circumstance.

Matrix duplicate: matrix duplicate was performed on sample LPXSD4504. Replicate RPDs were within the QC limits with the exception of mercury. Mercury is flagged with an "*" on the data report forms.

Sample analysis: serial dilution was performed on sample LPXSD4504 with spike recoveries within the QC limits with the exception of cadmium and cobalt. Cadmium and cobalt are flagged with an "E" on the data report forms. Mitkem does not establish quarterly instrument linear range for molybdenum. The upper calibration standard of 2mg/L is used as the upper linear limit. No other unusual observation was made for the analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Agnes Ng
CLP Project Manager
05/24/05

US EPA ARCHIVE DOCUMENT

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE	METHOD
LPX-SD-4501-0000-0005	M	Aluminum	LPX-SD-4501-0000-0005	7429-90-5	8680		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Antimony	LPX-SD-4501-0000-0005	7440-36-0	0.29	J&	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Arsenic	LPX-SD-4501-0000-0005	7440-38-2	5.3		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Barium	LPX-SD-4501-0000-0005	7440-39-3	159		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Beryllium	LPX-SD-4501-0000-0005	7440-41-7	1.5		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Cadmium	LPX-SD-4501-0000-0005	7440-43-9	2.7	E	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Chromium	LPX-SD-4501-0000-0005	7440-47-3	83.7	&	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Cobalt	LPX-SD-4501-0000-0005	7440-48-4	8.8	E	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Copper	LPX-SD-4501-0000-0005	7440-50-8	101	&	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Iron	LPX-SD-4501-0000-0005	7439-89-6	13000	E	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Lead	LPX-SD-4501-0000-0005	7439-92-1	189	E	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Manganese	LPX-SD-4501-0000-0005	7439-96-5	593		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Molybdenum	LPX-SD-4501-0000-0005	7439-98-7	11.6		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4501-0000-0005	M	Nickel	LPX-SD-4501-0000-0005	7440-02-0	34.5		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Selenium	LPX-SD-4501-0000-0005	7782-49-2	3.6	U	mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Silver	LPX-SD-4501-0000-0005	7440-22-4	5.1		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Thallium	LPX-SD-4501-0000-0005	7440-28-0	3.6		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Vanadium	LPX-SD-4501-0000-0005	7440-62-2	20.3		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4501-0000-0005	M	Zinc	LPX-SD-4501-0000-0005	7440-66-6	471		mg/Kg		D0403	MITKEM	D0403-01A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Aluminum	LPX-SD-4502-0000-0005	7429-90-5	12200		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Antimony	LPX-SD-4502-0000-0005	7440-36-0	2.2	U	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Arsenic	LPX-SD-4502-0000-0005	7440-38-2	8.6		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Barium	LPX-SD-4502-0000-0005	7440-39-3	157		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Beryllium	LPX-SD-4502-0000-0005	7440-41-7	1.5		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Cadmium	LPX-SD-4502-0000-0005	7440-43-9	1.7	E	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Chromium	LPX-SD-4502-0000-0005	7440-47-3	81.6	&	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Cobalt	LPX-SD-4502-0000-0005	7440-48-4	8.9	E	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Copper	LPX-SD-4502-0000-0005	7440-50-8	83.6	&	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Iron	LPX-SD-4502-0000-0005	7439-89-6	21800	E	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Lead	LPX-SD-4502-0000-0005	7439-92-1	144	E	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Manganese	LPX-SD-4502-0000-0005	7439-96-5	589		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Molybdenum	LPX-SD-4502-0000-0005	7439-98-7	10.4		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4502-0000-0005	M	Nickel	LPX-SD-4502-0000-0005	7440-02-0	28.9		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Selenium	LPX-SD-4502-0000-0005	7782-49-2	3.3	U	mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Silver	LPX-SD-4502-0000-0005	7440-22-4	6.0		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Thallium	LPX-SD-4502-0000-0005	7440-28-0	4.1		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Vanadium	LPX-SD-4502-0000-0005	7440-62-2	29.6		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4502-0000-0005	M	Zinc	LPX-SD-4502-0000-0005	7440-66-6	320		mg/Kg		D0403	MITKEM	D0403-02A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Aluminum	LPX-SD-4503-0000-0005	7429-90-5	10000		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Antimony	LPX-SD-4503-0000-0005	7440-36-0	2.1	U	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Arsenic	LPX-SD-4503-0000-0005	7440-38-2	6.5		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Barium	LPX-SD-4503-0000-0005	7440-39-3	183		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Beryllium	LPX-SD-4503-0000-0005	7440-41-7	1.6		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Cadmium	LPX-SD-4503-0000-0005	7440-43-9	2.3	E	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Chromium	LPX-SD-4503-0000-0005	7440-47-3	103	&	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Cobalt	LPX-SD-4503-0000-0005	7440-48-4	7.8	E	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Copper	LPX-SD-4503-0000-0005	7440-50-8	106	&	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Iron	LPX-SD-4503-0000-0005	7439-89-6	17100	E	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Lead	LPX-SD-4503-0000-0005	7439-92-1	189	E	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Manganese	LPX-SD-4503-0000-0005	7439-96-5	718		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Molybdenum	LPX-SD-4503-0000-0005	7439-98-7	6.0		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4503-0000-0005	M	Nickel	LPX-SD-4503-0000-0005	7440-02-0	33.2		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Selenium	LPX-SD-4503-0000-0005	7782-49-2	3.2	U	mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Silver	LPX-SD-4503-0000-0005	7440-22-4	5.5		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Thallium	LPX-SD-4503-0000-0005	7440-28-0	4.1		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Vanadium	LPX-SD-4503-0000-0005	7440-62-2	24.2		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4503-0000-0005	M	Zinc	LPX-SD-4503-0000-0005	7440-66-6	439		mg/Kg		D0403	MITKEM	D0403-03A	04/07/05	05/10/05	05/11/05	SW6010B

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SAMPLE	MDL	IDL									
LPX-SD-4501-0000-0005	0.82	24		1	67		2	N	6680		
LPX-SD-4501-0000-0005	0.14	2.4		1	67		2	N	0.29	U	
LPX-SD-4501-0000-0005	0.18	2.4		1	67		2	N	5.3	U	
LPX-SD-4501-0000-0005	0.32	24		1	67		2	N	159		
LPX-SD-4501-0000-0005	0.015	0.61		1	67		2	N	1.5		
LPX-SD-4501-0000-0005	0.013	0.61		1	67		2	N	2.7	J	
LPX-SD-4501-0000-0005	0.034	2.4		1	67		2	N	83.7	J	
LPX-SD-4501-0000-0005	0.053	6.1		1	67		2	N	8.8	J	
LPX-SD-4501-0000-0005	0.51	3.6		1	67		2	N	101	J	
LPX-SD-4501-0000-0005	2.1	24		1	67		2	N	13000	J	
LPX-SD-4501-0000-0005	0.099	1.2		1	67		2	N	189	J	
LPX-SD-4501-0000-0005	0.16	6.1		1	67		2	N	593		
LPX-SD-4501-0000-0005	2.1	2.4		1	67		2	N	11.6		
LPX-SD-4501-0000-0005	0.063	6.1		1	67		2	N	34.5		
LPX-SD-4501-0000-0005	0.16	3.6		1	67		2	N	3.6	UJ	
LPX-SD-4501-0000-0005	0.046	3.6		1	67		2	N	5.1	U	
LPX-SD-4501-0000-0005	0.19	2.4		1	67		2	N	3.6	U	
LPX-SD-4501-0000-0005	0.051	6.1		1	67		2	N	20.3		
LPX-SD-4501-0000-0005	0.14	6.1		1	67		2	N	471		
LPX-SD-4502-0000-0005	0.76	22		1	64		2	N	12200		
LPX-SD-4502-0000-0005	0.12	2.2		1	64		2	N	2.2	UJ	
LPX-SD-4502-0000-0005	0.17	2.2		1	64		2	N	8.6	U	
LPX-SD-4502-0000-0005	0.29	22		1	64		2	N	157		
LPX-SD-4502-0000-0005	0.014	0.56		1	64		2	N	1.5		
LPX-SD-4502-0000-0005	0.012	0.56		1	64		2	N	1.7	J	
LPX-SD-4502-0000-0005	0.031	2.2		1	64		2	N	81.6	J	
LPX-SD-4502-0000-0005	0.049	5.6		1	64		2	N	8.9	J	
LPX-SD-4502-0000-0005	0.47	3.3		1	64		2	N	83.6	J	
LPX-SD-4502-0000-0005	1.9	22		1	64		2	N	21800	J	
LPX-SD-4502-0000-0005	0.091	1.1		1	64		2	N	144	J	
LPX-SD-4502-0000-0005	0.15	5.6		1	64		2	N	589		
LPX-SD-4502-0000-0005	1.9	2.2		1	64		2	N	10.4		
LPX-SD-4502-0000-0005	0.058	5.6		1	64		2	N	28.9		
LPX-SD-4502-0000-0005	0.15	3.3		1	64		2	N	3.3	UJ	
LPX-SD-4502-0000-0005	0.042	3.3		1	64		2	N	6.0	U	
LPX-SD-4502-0000-0005	0.18	2.2		1	64		2	N	4.1	U	
LPX-SD-4502-0000-0005	0.047	5.6		1	64		2	N	29.6		
LPX-SD-4502-0000-0005	0.12	5.6		1	64		2	N	320		
LPX-SD-4503-0000-0005	0.72	21		1	62		2	N	10000		
LPX-SD-4503-0000-0005	0.12	2.1		1	62		2	N	2.1	UJ	
LPX-SD-4503-0000-0005	0.16	2.1		1	62		2	N	6.5	U	
LPX-SD-4503-0000-0005	0.27	21		1	62		2	N	183		
LPX-SD-4503-0000-0005	0.013	0.53		1	62		2	N	1.6		
LPX-SD-4503-0000-0005	0.012	0.53		1	62		2	N	2.3	J	
LPX-SD-4503-0000-0005	0.029	2.1		1	62		2	N	103	J	
LPX-SD-4503-0000-0005	0.046	5.3		1	62		2	N	7.8	J	
LPX-SD-4503-0000-0005	0.44	3.2		1	62		2	N	108	J	
LPX-SD-4503-0000-0005	1.8	21		1	62		2	N	17100	J	
LPX-SD-4503-0000-0005	0.086	1.1		1	62		2	N	189	J	
LPX-SD-4503-0000-0005	0.14	5.3		1	62		2	N	718		
LPX-SD-4503-0000-0005	1.8	2.1		1	62		2	N	6.0	U	
LPX-SD-4503-0000-0005	0.055	5.3		1	62		2	N	33.2		
LPX-SD-4503-0000-0005	0.14	3.2		1	62		2	N	3.2	UJ	
LPX-SD-4503-0000-0005	0.040	3.2		1	62		2	N	5.5	U	
LPX-SD-4503-0000-0005	0.17	2.1		1	62		2	N	4.1	U	
LPX-SD-4503-0000-0005	0.044	5.3		1	62		2	N	24.2		
LPX-SD-4503-0000-0005	0.12	5.3		1	62		2	N	439		

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SAMPLE	CLASS													
LPX-SD-4504-0000-0005	M	Aluminum	LPX-SD-4504-0000-0005	7429-90-5	11900		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Antimony	LPX-SD-4504-0000-0005	7440-36-0	0.12	J&	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Arsenic	LPX-SD-4504-0000-0005	7440-38-2	7.0		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Barium	LPX-SD-4504-0000-0005	7440-39-3	313		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Beryllium	LPX-SD-4504-0000-0005	7440-41-7	2.0		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Cadmium	LPX-SD-4504-0000-0005	7440-43-9	2.7	E	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Chromium	LPX-SD-4504-0000-0005	7440-47-3	116	&	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Cobalt	LPX-SD-4504-0000-0005	7440-48-4	10	E	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Copper	LPX-SD-4504-0000-0005	7440-50-8	140	&	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Iron	LPX-SD-4504-0000-0005	7439-89-6	24800	E	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Lead	LPX-SD-4504-0000-0005	7439-92-1	241	E	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Manganese	LPX-SD-4504-0000-0005	7439-96-5	1040		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Molybdenum	LPX-SD-4504-0000-0005	7439-98-7	5.7		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4504-0000-0005	M	Nickel	LPX-SD-4504-0000-0005	7440-02-0	40.0		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Selenium	LPX-SD-4504-0000-0005	7782-49-2	3.1	U	mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Silver	LPX-SD-4504-0000-0005	7440-22-4	5.9		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Thallium	LPX-SD-4504-0000-0005	7440-28-0	5.5		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Vanadium	LPX-SD-4504-0000-0005	7440-62-2	31.2		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005	M	Zinc	LPX-SD-4504-0000-0005	7440-66-6	507		mg/Kg		D0403	MITKEM	D0403-04A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Aluminum	LPX-SD-4504-0000-0005DUP	7429-90-5	11912.1533		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Antimony	LPX-SD-4504-0000-0005DUP	7440-36-0	2.1000	U	mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Arsenic	LPX-SD-4504-0000-0005DUP	7440-38-2	7.9326		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Barium	LPX-SD-4504-0000-0005DUP	7440-39-3	310.7688		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Beryllium	LPX-SD-4504-0000-0005DUP	7440-41-7	1.9840		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Cadmium	LPX-SD-4504-0000-0005DUP	7440-43-9	2.8708		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Chromium	LPX-SD-4504-0000-0005DUP	7440-47-3	113.2798		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Cobalt	LPX-SD-4504-0000-0005DUP	7440-48-4	10.5881		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Copper	LPX-SD-4504-0000-0005DUP	7440-50-8	138.3068		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Iron	LPX-SD-4504-0000-0005DUP	7439-89-6	24659.9653		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Lead	LPX-SD-4504-0000-0005DUP	7439-92-1	242.3573		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Manganese	LPX-SD-4504-0000-0005DUP	7439-96-5	1109.8419		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Molybdenum	LPX-SD-4504-0000-0005DUP	7439-98-7	6.3358		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Nickel	LPX-SD-4504-0000-0005DUP	7440-02-0	40.6752		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Selenium	LPX-SD-4504-0000-0005DUP	7782-49-2	3.1000	U	mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Silver	LPX-SD-4504-0000-0005DUP	7440-22-4	5.9322		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Thallium	LPX-SD-4504-0000-0005DUP	7440-28-0	5.9493		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Vanadium	LPX-SD-4504-0000-0005DUP	7440-62-2	31.5679		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005DUP	M	Zinc	LPX-SD-4504-0000-0005DUP	7440-66-6	535.6647		mg/Kg		D0403	MITKEM	D0403-04ADUP	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Aluminum	LPX-SD-4504-0000-0005MS	7429-90-5	-1118.7		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Antimony	LPX-SD-4504-0000-0005MS	7440-36-0	31.4	&	PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Arsenic	LPX-SD-4504-0000-0005MS	7440-38-2	94.9		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Barium	LPX-SD-4504-0000-0005MS	7440-39-3	74.8		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Beryllium	LPX-SD-4504-0000-0005MS	7440-41-7	97.1		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Cadmium	LPX-SD-4504-0000-0005MS	7440-43-9	105.6		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Chromium	LPX-SD-4504-0000-0005MS	7440-47-3	-13.3	&	PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Cobalt	LPX-SD-4504-0000-0005MS	7440-48-4	105.3		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Copper	LPX-SD-4504-0000-0005MS	7440-50-8	-12.8	&	PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Iron	LPX-SD-4504-0000-0005MS	7439-89-6	-4910.2		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Lead	LPX-SD-4504-0000-0005MS	7439-92-1	-339.5		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Manganese	LPX-SD-4504-0000-0005MS	7439-96-5	-262.4		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Molybdenum	LPX-SD-4504-0000-0005MS	7439-98-7	92.5		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Nickel	LPX-SD-4504-0000-0005MS	7440-02-0	93.5		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Selenium	LPX-SD-4504-0000-0005MS	7782-49-2	95.2		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Silver	LPX-SD-4504-0000-0005MS	7440-22-4	102.0		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Thallium	LPX-SD-4504-0000-0005MS	7440-28-0	104.4		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Vanadium	LPX-SD-4504-0000-0005MS	7440-62-2	90.8		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MS	M	Zinc	LPX-SD-4504-0000-0005MS	7440-66-6	-38.0		PCT_REC		D0403	MITKEM	D0403-04AMS	04/07/05	05/10/05	05/11/05	SW6010B

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SAMPLE	MDL	ID									
LPX-SD-4504-0000-0005	0.70	21		1	61		2	N	11900		
LPX-SD-4504-0000-0005	0.11	2.1		1	61		2	N	0.12	U	
LPX-SD-4504-0000-0005	0.16	2.1		1	61		2	N	7.0	U	
LPX-SD-4504-0000-0005	0.27	21		1	61		2	N	313		
LPX-SD-4504-0000-0005	0.013	0.51		1	61		2	N	2.0		
LPX-SD-4504-0000-0005	0.011	0.51		1	61		2	N	2.7	J	
LPX-SD-4504-0000-0005	0.029	2.1		1	61		2	N	116	J	
LPX-SD-4504-0000-0005	0.045	5.1		1	61		2	N	10	J	
LPX-SD-4504-0000-0005	0.43	3.1		1	61		2	N	140	J	
LPX-SD-4504-0000-0005	1.8	21		1	61		2	N	24600	J	
LPX-SD-4504-0000-0005	0.084	1.0		1	61		2	N	241	J	
LPX-SD-4504-0000-0005	0.14	5.1		1	61		2	N	1040		
LPX-SD-4504-0000-0005	1.8	2.1		1	61		2	N	5.7	U	
LPX-SD-4504-0000-0005	0.053	5.1		1	61		2	N	40.0		
LPX-SD-4504-0000-0005	0.14	3.1		1	61		2	N	3.1	UJ	
LPX-SD-4504-0000-0005	0.039	3.1		1	61		2	N	5.9	U	
LPX-SD-4504-0000-0005	0.16	2.1		1	61		2	N	5.5	U	
LPX-SD-4504-0000-0005	0.043	5.1		1	61		2	N	31.2		
LPX-SD-4504-0000-0005	0.11	5.1		1	61		2	N	507		
LPX-SD-4504-0000-0005DUP	0.7000	21.0000		1	61		2	DUP	11912.1533		
LPX-SD-4504-0000-0005DUP	0.1100	2.1000		1	61		2	DUP	2.1000	U	
LPX-SD-4504-0000-0005DUP	0.1600	2.1000		1	61		2	DUP	7.9328		
LPX-SD-4504-0000-0005DUP	0.2700	21.0000		1	61		2	DUP	310.7888		
LPX-SD-4504-0000-0005DUP	0.0130	0.5100		1	61		2	DUP	1.9840		
LPX-SD-4504-0000-0005DUP	0.0110	0.5100		1	61		2	DUP	2.8708		
LPX-SD-4504-0000-0005DUP	0.0290	2.1000		1	61		2	DUP	113.2798		
LPX-SD-4504-0000-0005DUP	0.0450	5.1000		1	61		2	DUP	10.5881		
LPX-SD-4504-0000-0005DUP	0.4300	3.1000		1	61		2	DUP	138.3088		
LPX-SD-4504-0000-0005DUP	1.8000	21.0000		1	61		2	DUP	24659.9653		
LPX-SD-4504-0000-0005DUP	0.0840	1.0000		1	61		2	DUP	242.3573		
LPX-SD-4504-0000-0005DUP	0.1400	5.1000		1	61		2	DUP	1109.9419		
LPX-SD-4504-0000-0005DUP	1.8000	2.1000		1	61		2	DUP	6.3358		
LPX-SD-4504-0000-0005DUP	0.0530	5.1000		1	61		2	DUP	40.6752		
LPX-SD-4504-0000-0005DUP	0.1400	3.1000		1	61		2	DUP	3.1000	U	
LPX-SD-4504-0000-0005DUP	0.0390	3.1000		1	61		2	DUP	5.9322		
LPX-SD-4504-0000-0005DUP	0.1600	2.1000		1	61		2	DUP	5.9493		
LPX-SD-4504-0000-0005DUP	0.0430	5.1000		1	61		2	DUP	31.5879		
LPX-SD-4504-0000-0005DUP	0.1100	5.1000		1	61		2	DUP	535.6647		
LPX-SD-4504-0000-0005MS	0.7000	21.0000		1	61		2	MS	-1118.7		
LPX-SD-4504-0000-0005MS	0.1100	2.1000		1	61		2	MS	31.4	&	
LPX-SD-4504-0000-0005MS	0.1600	2.1000		1	61		2	MS	94.9		
LPX-SD-4504-0000-0005MS	0.2700	21.0000		1	61		2	MS	74.8		
LPX-SD-4504-0000-0005MS	0.0130	0.5100		1	61		2	MS	97.1		
LPX-SD-4504-0000-0005MS	0.0110	0.5100		1	61		2	MS	105.6		
LPX-SD-4504-0000-0005MS	0.0290	2.1000		1	61		2	MS	-13.3	&	
LPX-SD-4504-0000-0005MS	0.0450	5.1000		1	61		2	MS	105.3		
LPX-SD-4504-0000-0005MS	0.4300	3.1000		1	61		2	MS	-12.8	&	
LPX-SD-4504-0000-0005MS	1.8000	21.0000		1	61		2	MS	-4910.2		
LPX-SD-4504-0000-0005MS	0.0840	1.0000		1	61		2	MS	-339.5		
LPX-SD-4504-0000-0005MS	0.1400	5.1000		1	61		2	MS	-262.4		
LPX-SD-4504-0000-0005MS	1.8000	2.1000		1	61		2	MS	92.5		
LPX-SD-4504-0000-0005MS	0.0530	5.1000		1	61		2	MS	93.5		
LPX-SD-4504-0000-0005MS	0.1400	3.1000		1	61		2	MS	95.2		
LPX-SD-4504-0000-0005MS	0.0390	3.1000		1	61		2	MS	102.0		
LPX-SD-4504-0000-0005MS	0.1600	2.1000		1	61		2	MS	104.4		
LPX-SD-4504-0000-0005MS	0.0430	5.1000		1	61		2	MS	90.8		
LPX-SD-4504-0000-0005MS	0.1100	5.1000		1	61		2	MS	-38.0		

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SAMPLE	CLASS	PARAMETER	FRACTION	CASRN	LAB RESULT	LAB QUAL	RESULT TYPE	MEDIA	LAB	BATCH	DATE SAMPLED	DATE ANALYZED	METHOD
LPX-SD-4504-0000-0005MSD	M	Aluminum	LPX-SD-4504-0000-0005MSD	7429-90-5	-856		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Antimony	LPX-SD-4504-0000-0005MSD	7440-36-0	39.1	&	PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Arsenic	LPX-SD-4504-0000-0005MSD	7440-38-2	112.5		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Barium	LPX-SD-4504-0000-0005MSD	7440-39-3	100.5		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Beryllium	LPX-SD-4504-0000-0005MSD	7440-41-7	116.9		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Cadmium	LPX-SD-4504-0000-0005MSD	7440-43-9	121.0		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Chromium	LPX-SD-4504-0000-0005MSD	7440-47-3	28.5	&	PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Cobalt	LPX-SD-4504-0000-0005MSD	7440-48-4	124.2		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Copper	LPX-SD-4504-0000-0005MSD	7440-50-8	22.1	&	PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Iron	LPX-SD-4504-0000-0005MSD	7439-89-6	-3790.3		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Lead	LPX-SD-4504-0000-0005MSD	7439-92-1	-238.6		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Manganese	LPX-SD-4504-0000-0005MSD	7439-96-5	-185.7		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Molybdenum	LPX-SD-4504-0000-0005MSD	7439-98-7	92.9		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Nickel	LPX-SD-4504-0000-0005MSD	7440-02-0	114.7		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Selenium	LPX-SD-4504-0000-0005MSD	7782-49-2	111.0		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Silver	LPX-SD-4504-0000-0005MSD	7440-22-4	116.2		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Thallium	LPX-SD-4504-0000-0005MSD	7440-28-0	119.5		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Vanadium	LPX-SD-4504-0000-0005MSD	7440-62-2	110.4		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4504-0000-0005MSD	M	Zinc	LPX-SD-4504-0000-0005MSD	7440-66-6	5.2		PCT_REC	D0403	MITKEM	D0403-04AMSD	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Aluminum	LPX-SD-4505-0000-0005	7429-90-5	11300		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Antimony	LPX-SD-4505-0000-0005	7440-36-0	2.4	U	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Arsenic	LPX-SD-4505-0000-0005	7440-38-2	7.4		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Barium	LPX-SD-4505-0000-0005	7440-39-3	222		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Beryllium	LPX-SD-4505-0000-0005	7440-41-7	1.7		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Cadmium	LPX-SD-4505-0000-0005	7440-43-9	3.2	E	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Chromium	LPX-SD-4505-0000-0005	7440-47-3	145	&	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Cobalt	LPX-SD-4505-0000-0005	7440-48-4	8.1	E	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Copper	LPX-SD-4505-0000-0005	7440-50-8	146	&	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Iron	LPX-SD-4505-0000-0005	7439-89-6	22300	E	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Lead	LPX-SD-4505-0000-0005	7439-92-1	272	E	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Manganese	LPX-SD-4505-0000-0005	7439-96-5	724		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Molybdenum	LPX-SD-4505-0000-0005	7439-98-7	7.1		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4505-0000-0005	M	Nickel	LPX-SD-4505-0000-0005	7440-02-0	45.5		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Selenium	LPX-SD-4505-0000-0005	7782-49-2	3.6	U	mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Silver	LPX-SD-4505-0000-0005	7440-22-4	6.5		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Thallium	LPX-SD-4505-0000-0005	7440-28-0	5.3		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Vanadium	LPX-SD-4505-0000-0005	7440-62-2	30.8		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4505-0000-0005	M	Zinc	LPX-SD-4505-0000-0005	7440-66-6	613		mg/Kg	D0403	MITKEM	D0403-05A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Aluminum	LPX-SD-4506-0000-0005	7429-90-5	8190		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Antimony	LPX-SD-4506-0000-0005	7440-36-0	2.0	U	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Arsenic	LPX-SD-4506-0000-0005	7440-38-2	5.0		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Barium	LPX-SD-4506-0000-0005	7440-39-3	170		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Beryllium	LPX-SD-4506-0000-0005	7440-41-7	1.1		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Cadmium	LPX-SD-4506-0000-0005	7440-43-9	2.0	E	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Chromium	LPX-SD-4506-0000-0005	7440-47-3	79.6	&	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Cobalt	LPX-SD-4506-0000-0005	7440-48-4	7.7	E	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Copper	LPX-SD-4506-0000-0005	7440-50-8	99.3	&	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Iron	LPX-SD-4506-0000-0005	7439-89-6	16800	E	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Lead	LPX-SD-4506-0000-0005	7439-92-1	171	E	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Manganese	LPX-SD-4506-0000-0005	7439-96-5	563		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Molybdenum	LPX-SD-4506-0000-0005	7439-98-7	8.7		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4506-0000-0005	M	Nickel	LPX-SD-4506-0000-0005	7440-02-0	35.7		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Selenium	LPX-SD-4506-0000-0005	7782-49-2	2.9	U	mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Silver	LPX-SD-4506-0000-0005	7440-22-4	4.0		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Thallium	LPX-SD-4506-0000-0005	7440-28-0	4.1		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Vanadium	LPX-SD-4506-0000-0005	7440-62-2	22.1		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4506-0000-0005	M	Zinc	LPX-SD-4506-0000-0005	7440-66-6	380		mg/Kg	D0403	MITKEM	D0403-06A	04/07/05	05/10/05	05/11/05	SW6010B

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SEA SAMPLE NAME	MDL	IDL	RECOVERY	DILUTION FACTOR	DECISION	COMMENT	LAB	LAB CODE	RESULT	VALIDATION	VALIDATION COMMENT
LPX-SD-4504-0000-0005MSD	0.7000	21.0000		1	61		2	MSD	-856		
LPX-SD-4504-0000-0005MSD	0.1100	2.1000		1	61		2	MSD	39.1	&	
LPX-SD-4504-0000-0005MSD	0.1600	2.1000		1	61		2	MSD	112.5		
LPX-SD-4504-0000-0005MSD	0.2700	21.0000		1	61		2	MSD	100.5		
LPX-SD-4504-0000-0005MSD	0.0130	0.5100		1	61		2	MSD	116.9		
LPX-SD-4504-0000-0005MSD	0.0110	0.5100		1	61		2	MSD	121.0		
LPX-SD-4504-0000-0005MSD	0.0290	2.1000		1	61		2	MSD	28.5	&	
LPX-SD-4504-0000-0005MSD	0.0450	5.1000		1	61		2	MSD	124.2		
LPX-SD-4504-0000-0005MSD	0.4300	3.1000		1	61		2	MSD	22.1	&	
LPX-SD-4504-0000-0005MSD	1.8000	21.0000		1	61		2	MSD	-3790.3		
LPX-SD-4504-0000-0005MSD	0.0840	1.0000		1	61		2	MSD	-236.6		
LPX-SD-4504-0000-0005MSD	0.1400	5.1000		1	61		2	MSD	-165.7		
LPX-SD-4504-0000-0005MSD	1.8000	2.1000		1	61		2	MSD	92.9		
LPX-SD-4504-0000-0005MSD	0 0530	5.1000		1	61		2	MSD	114.7		
LPX-SD-4504-0000-0005MSD	0.1400	3.1000		1	61		2	MSD	111.0		
LPX-SD-4504-0000-0005MSD	0.0390	3.1000		1	61		2	MSD	116.2		
LPX-SD-4504-0000-0005MSD	0.1600	2.1000		1	61		2	MSD	119.5		
LPX-SD-4504-0000-0005MSD	0.0430	5.1000		1	61		2	MSD	110.4		
LPX-SD-4504-0000-0005MSD	0.1100	5.1000		1	61		2	MSD	5.2		
LPX-SD-4505-0000-0005	0.82	24		1	67		2	N	11300		
LPX-SD-4505-0000-0005	0 14	2.4		1	67		2	N	2.4	UJ	
LPX-SD-4505-0000-0005	0 18	2.4		1	67		2	N	7.4	U	
LPX-SD-4505-0000-0005	0 32	24		1	67		2	N	222		
LPX-SD-4505-0000-0005	0 015	0.61		1	67		2	N	1.7		
LPX-SD-4505-0000-0005	0 013	0.61		1	67		2	N	3.2	J	
LPX-SD-4505-0000-0005	0 034	2.4		1	67		2	N	145	J	
LPX-SD-4505-0000-0005	0.053	6.1		1	67		2	N	8.1	J	
LPX-SD-4505-0000-0005	0.51	3.6		1	67		2	N	146	J	
LPX-SD-4505-0000-0005	2.1	24		1	67		2	N	22300	J	
LPX-SD-4505-0000-0005	0.099	1.2		1	67		2	N	272	J	
LPX-SD-4505-0000-0005	0.16	6.1		1	67		2	N	724		
LPX-SD-4505-0000-0005	2.1	2.4		1	67		2	N	7.1	U	
LPX-SD-4505-0000-0005	0.063	6.1		1	67		2	N	45.5		
LPX-SD-4505-0000-0005	0.16	3.6		1	67		2	N	3.6	UJ	
LPX-SD-4505-0000-0005	0.046	3.6		1	67		2	N	6.5	U	
LPX-SD-4505-0000-0005	0.19	2.4		1	67		2	N	5.3	U	
LPX-SD-4505-0000-0005	0.051	6.1		1	67		2	N	30.8		
LPX-SD-4505-0000-0005	0.14	6.1		1	67		2	N	613		
LPX-SD-4506-0000-0005	0.66	20		1	59		2	N	8190		
LPX-SD-4506-0000-0005	0.11	2.0		1	59		2	N	2.0	UJ	
LPX-SD-4506-0000-0005	0.15	2.0		1	59		2	N	5.0	U	
LPX-SD-4506-0000-0005	0.25	20		1	59		2	N	170		
LPX-SD-4506-0000-0005	0.012	0.49		1	59		2	N	1.1		
LPX-SD-4506-0000-0005	0.011	0 49		1	59		2	N	2.0	J	
LPX-SD-4506-0000-0005	0.027	2.0		1	59		2	N	79.6	J	
LPX-SD-4506-0000-0005	0.043	4 9		1	59		2	N	7.7	J	
LPX-SD-4506-0000-0005	0.41	2.9		1	59		2	N	99.3	J	
LPX-SD-4506-0000-0005	1.7	20		1	59		2	N	16800	J	
LPX-SD-4506-0000-0005	0.080	0.98		1	59		2	N	171	J	
LPX-SD-4506-0000-0005	0.13	4.9		1	59		2	N	563		
LPX-SD-4506-0000-0005	1.7	2.0		1	59		2	N	8.7		
LPX-SD-4506-0000-0005	0 051	4.9		1	59		2	N	35.7		
LPX-SD-4506-0000-0005	0.13	2.9		1	59		2	N	2.9	UJ	
LPX-SD-4506-0000-0005	0.037	2.9		1	59		2	N	4.0	U	
LPX-SD-4506-0000-0005	0.15	2.0		1	59		2	N	4.1	U	
LPX-SD-4506-0000-0005	0.041	4.9		1	59		2	N	22.1		
LPX-SD-4506-0000-0005	0 11	4 9		1	59		2	N	360		

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LPX-SD-4507-0000-0005	M	Aluminum	LPX-SD-4507-0000-0005	7429-90-5	11500		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Antimony	LPX-SD-4507-0000-0005	7440-36-0	1.9	U	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Arsenic	LPX-SD-4507-0000-0005	7440-38-2	14.3		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Barium	LPX-SD-4507-0000-0005	7440-39-3	151		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Beryllium	LPX-SD-4507-0000-0005	7440-41-7	1.7		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Cadmium	LPX-SD-4507-0000-0005	7440-43-9	1.4	E	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Chromium	LPX-SD-4507-0000-0005	7440-47-3	83.3	&	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Cobalt	LPX-SD-4507-0000-0005	7440-48-4	8.2	E	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Copper	LPX-SD-4507-0000-0005	7440-50-8	68.8	&	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Iron	LPX-SD-4507-0000-0005	7439-89-6	23100	E	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Lead	LPX-SD-4507-0000-0005	7439-92-1	127	E	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Manganese	LPX-SD-4507-0000-0005	7439-96-5	725		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Molybdenum	LPX-SD-4507-0000-0005	7439-98-7	4.5		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4507-0000-0005	M	Nickel	LPX-SD-4507-0000-0005	7440-02-0	25.9		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Selenium	LPX-SD-4507-0000-0005	7782-49-2	2.9	U	mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Silver	LPX-SD-4507-0000-0005	7440-22-4	5.3		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Thallium	LPX-SD-4507-0000-0005	7440-28-0	3.9		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Vanadium	LPX-SD-4507-0000-0005	7440-62-2	33.4		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4507-0000-0005	M	Zinc	LPX-SD-4507-0000-0005	7440-66-6	311		mg/Kg		D0403	MITKEM	D0403-07A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Aluminum	LPX-SD-4508-0000-0005	7429-90-5	5450		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Antimony	LPX-SD-4508-0000-0005	7440-36-0	1.6	U	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Arsenic	LPX-SD-4508-0000-0005	7440-38-2	3.0		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Barium	LPX-SD-4508-0000-0005	7440-39-3	80.7		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Beryllium	LPX-SD-4508-0000-0005	7440-41-7	0.34	J	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Cadmium	LPX-SD-4508-0000-0005	7440-43-9	1.1	E	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Chromium	LPX-SD-4508-0000-0005	7440-47-3	48.5	&	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Cobalt	LPX-SD-4508-0000-0005	7440-48-4	3.6	JE	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Copper	LPX-SD-4508-0000-0005	7440-50-8	50.3	&	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Iron	LPX-SD-4508-0000-0005	7439-89-6	9130	E	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Lead	LPX-SD-4508-0000-0005	7439-92-1	114	E	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Manganese	LPX-SD-4508-0000-0005	7439-96-5	226		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Molybdenum	LPX-SD-4508-0000-0005	7439-98-7	11.5		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4508-0000-0005	M	Nickel	LPX-SD-4508-0000-0005	7440-02-0	14.1		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Selenium	LPX-SD-4508-0000-0005	7782-49-2	2.4	U	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Silver	LPX-SD-4508-0000-0005	7440-22-4	3.1		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Thallium	LPX-SD-4508-0000-0005	7440-28-0	1.4	J	mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Vanadium	LPX-SD-4508-0000-0005	7440-62-2	13.4		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4508-0000-0005	M	Zinc	LPX-SD-4508-0000-0005	7440-66-6	220		mg/Kg		D0403	MITKEM	D0403-08A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Aluminum	LPX-SD-4509-0000-0005	7429-90-5	11500		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Antimony	LPX-SD-4509-0000-0005	7440-36-0	0.81	J&	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Arsenic	LPX-SD-4509-0000-0005	7440-38-2	8.6		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Barium	LPX-SD-4509-0000-0005	7440-39-3	255		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Beryllium	LPX-SD-4509-0000-0005	7440-41-7	2.1		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Cadmium	LPX-SD-4509-0000-0005	7440-43-9	3.4	E	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Chromium	LPX-SD-4509-0000-0005	7440-47-3	172	&	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Cobalt	LPX-SD-4509-0000-0005	7440-48-4	13.8	E	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Copper	LPX-SD-4509-0000-0005	7440-50-8	183	&	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Iron	LPX-SD-4509-0000-0005	7439-89-6	21600	E	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Lead	LPX-SD-4509-0000-0005	7439-92-1	318	E	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Manganese	LPX-SD-4509-0000-0005	7439-96-5	1070		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Molybdenum	LPX-SD-4509-0000-0005	7439-98-7	12.3		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4509-0000-0005	M	Nickel	LPX-SD-4509-0000-0005	7440-02-0	60.7		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Selenium	LPX-SD-4509-0000-0005	7782-49-2	3.0	U	mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Silver	LPX-SD-4509-0000-0005	7440-22-4	5.7		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Thallium	LPX-SD-4509-0000-0005	7440-28-0	6.2		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Vanadium	LPX-SD-4509-0000-0005	7440-62-2	39.0		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4509-0000-0005	M	Zinc	LPX-SD-4509-0000-0005	7440-66-6	754		mg/Kg		D0403	MITKEM	D0403-09A	04/07/05	05/10/05	05/11/05	SW6010B

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[illegible]	MDL	IDL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
LPX-SD-4507-0000-0005	0.65	19		1	58		2	N	11500		
LPX-SD-4507-0000-0005	0.11	1.9		1	58		2	N	1.9	UJ	
LPX-SD-4507-0000-0005	0.14	1.9		1	58		2	N	14.3		
LPX-SD-4507-0000-0005	0.25	19		1	58		2	N	151		
LPX-SD-4507-0000-0005	0.012	0.48		1	58		2	N	1.7		
LPX-SD-4507-0000-0005	0.010	0.48		1	58		2	N	1.4	J	
LPX-SD-4507-0000-0005	0.027	1.9		1	58		2	N	83.3	J	
LPX-SD-4507-0000-0005	0.042	4.8		1	58		2	N	8.2	J	
LPX-SD-4507-0000-0005	0.40	2.9		1	58		2	N	88.8	J	
LPX-SD-4507-0000-0005	1.7	19		1	58		2	N	23100	J	
LPX-SD-4507-0000-0005	0.078	0.95		1	58		2	N	127	J	
LPX-SD-4507-0000-0005	0.13	4.8		1	58		2	N	725		
LPX-SD-4507-0000-0005	1.6	1.9		1	58		2	N	4.5	U	
LPX-SD-4507-0000-0005	0.050	4.8		1	58		2	N	25.9		
LPX-SD-4507-0000-0005	0.13	2.9		1	58		2	N	2.9	UJ	
LPX-SD-4507-0000-0005	0.036	2.9		1	58		2	N	5.3	U	
LPX-SD-4507-0000-0005	0.15	1.9		1	58		2	N	3.9	U	
LPX-SD-4507-0000-0005	0.040	4.8		1	58		2	N	33.4		
LPX-SD-4507-0000-0005	0.11	4.8		1	58		2	N	311		
LPX-SD-4508-0000-0005	0.54	16		1	50		2	N	5450		
LPX-SD-4508-0000-0005	0.090	1.6		1	50		2	N	1.6	UJ	
LPX-SD-4508-0000-0005	0.12	1.6		1	50		2	N	3.0	U	
LPX-SD-4508-0000-0005	0.21	16		1	50		2	N	80.7		
LPX-SD-4508-0000-0005	0.0098	0.40		1	50		2	N	0.34	J	
LPX-SD-4508-0000-0005	0.0088	0.40		1	50		2	N	1.1	J	
LPX-SD-4508-0000-0005	0.022	1.6		1	50		2	N	48.5	J	
LPX-SD-4508-0000-0005	0.035	4.0		1	50		2	N	3.6	J	
LPX-SD-4508-0000-0005	0.34	2.4		1	50		2	N	50.3	J	
LPX-SD-4508-0000-0005	1.4	16		1	50		2	N	9130	J	
LPX-SD-4508-0000-0005	0.066	0.80		1	50		2	N	114	J	
LPX-SD-4508-0000-0005	0.11	4.0		1	50		2	N	226		
LPX-SD-4508-0000-0005	1.4	1.6		1	50		2	N	11.5		
LPX-SD-4508-0000-0005	0.042	4.0		1	50		2	N	14.1		
LPX-SD-4508-0000-0005	0.11	2.4		1	50		2	N	2.4	UJ	
LPX-SD-4508-0000-0005	0.030	2.4		1	50		2	N	3.1	U	
LPX-SD-4508-0000-0005	0.13	1.6		1	50		2	N	1.4	U	
LPX-SD-4508-0000-0005	0.034	4.0		1	50		2	N	13.4		
LPX-SD-4508-0000-0005	0.090	4.0		1	50		2	N	220		
LPX-SD-4509-0000-0005	0.68	20		1	60		2	N	11500		
LPX-SD-4509-0000-0005	0.11	2.0		1	60		2	N	0.81	U	
LPX-SD-4509-0000-0005	0.15	2.0		1	60		2	N	8.6	U	
LPX-SD-4509-0000-0005	0.26	20		1	60		2	N	255		
LPX-SD-4509-0000-0005	0.012	0.50		1	60		2	N	2.1		
LPX-SD-4509-0000-0005	0.011	0.50		1	60		2	N	3.4	J	
LPX-SD-4509-0000-0005	0.028	2.0		1	60		2	N	172	J	
LPX-SD-4509-0000-0005	0.044	5.0		1	60		2	N	13.8	J	
LPX-SD-4509-0000-0005	0.42	3.0		1	60		2	N	183	J	
LPX-SD-4509-0000-0005	1.7	20		1	60		2	N	21600	J	
LPX-SD-4509-0000-0005	0.082	1.0		1	60		2	N	318	J	
LPX-SD-4509-0000-0005	0.13	5.0		1	60		2	N	1070		
LPX-SD-4509-0000-0005	1.7	2.0		1	60		2	N	12.3		
LPX-SD-4509-0000-0005	0.052	5.0		1	60		2	N	80.7		
LPX-SD-4509-0000-0005	0.13	3.0		1	60		2	N	3.0	UJ	
LPX-SD-4509-0000-0005	0.038	3.0		1	60		2	N	5.7	U	
LPX-SD-4509-0000-0005	0.16	2.0		1	60		2	N	6.2	U	
LPX-SD-4509-0000-0005	0.042	5.0		1	60		2	N	39.0		
LPX-SD-4509-0000-0005	0.11	5.0		1	60		2	N	754		

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LPX-SD-4510-0000-0005	M	Aluminum	LPX-SD-4510-0000-0005	7429-90-5	7740		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Antimony	LPX-SD-4510-0000-0005	7440-36-0	2.0	U	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Arsenic	LPX-SD-4510-0000-0005	7440-38-2	4.8		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Barium	LPX-SD-4510-0000-0005	7440-39-3	178		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Beryllium	LPX-SD-4510-0000-0005	7440-41-7	1.5		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Cadmium	LPX-SD-4510-0000-0005	7440-43-9	2.7	E	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Chromium	LPX-SD-4510-0000-0005	7440-47-3	117	&	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Cobalt	LPX-SD-4510-0000-0005	7440-48-4	7.8	E	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Copper	LPX-SD-4510-0000-0005	7440-50-8	119	&	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Iron	LPX-SD-4510-0000-0005	7439-89-6	11600	E	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Lead	LPX-SD-4510-0000-0005	7439-92-1	231	E	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Manganese	LPX-SD-4510-0000-0005	7439-96-5	234		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Molybdenum	LPX-SD-4510-0000-0005	7439-98-7	17.5		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/13/05	SW6010B
LPX-SD-4510-0000-0005	M	Nickel	LPX-SD-4510-0000-0005	7440-02-0	34.5		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Selenium	LPX-SD-4510-0000-0005	7782-49-2	2.9	U	mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Silver	LPX-SD-4510-0000-0005	7440-22-4	4.4		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Thallium	LPX-SD-4510-0000-0005	7440-28-0	2.0		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Vanadium	LPX-SD-4510-0000-0005	7440-62-2	20.8		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4510-0000-0005	M	Zinc	LPX-SD-4510-0000-0005	7440-66-6	462		mg/Kg		D0403	MITKEM	D0403-10A	04/07/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Aluminum	LPX-SD-4204-0000-0050	7429-90-5	4030		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Antimony	LPX-SD-4204-0000-0050	7440-36-0	0.81	U	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Arsenic	LPX-SD-4204-0000-0050	7440-38-2	2.4		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Barium	LPX-SD-4204-0000-0050	7440-39-3	74.0		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Beryllium	LPX-SD-4204-0000-0050	7440-41-7	0.74		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Cadmium	LPX-SD-4204-0000-0050	7440-43-9	1.1	E	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Chromium	LPX-SD-4204-0000-0050	7440-47-3	42.6	&	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Cobalt	LPX-SD-4204-0000-0050	7440-48-4	3.5	E	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Copper	LPX-SD-4204-0000-0050	7440-50-8	44.8	&	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Iron	LPX-SD-4204-0000-0050	7439-89-6	7070	E	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Lead	LPX-SD-4204-0000-0050	7439-92-1	95.6	E	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Manganese	LPX-SD-4204-0000-0050	7439-96-5	256		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Molybdenum	LPX-SD-4204-0000-0050	7439-98-7	8.7		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/13/05	SW6010B
LPX-SD-4204-0000-0050	M	Nickel	LPX-SD-4204-0000-0050	7440-02-0	15.9		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Selenium	LPX-SD-4204-0000-0050	7782-49-2	1.2	U	mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Silver	LPX-SD-4204-0000-0050	7440-22-4	2.3		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Thallium	LPX-SD-4204-0000-0050	7440-28-0	1.5		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Vanadium	LPX-SD-4204-0000-0050	7440-62-2	11.0		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4204-0000-0050	M	Zinc	LPX-SD-4204-0000-0050	7440-66-6	201		mg/Kg		D0403	MITKEM	D0403-11A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Aluminum	LPX-SD-4205-0000-0050	7429-90-5	10900		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Antimony	LPX-SD-4205-0000-0050	7440-36-0	0.38	J&	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Arsenic	LPX-SD-4205-0000-0050	7440-38-2	6.2		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Barium	LPX-SD-4205-0000-0050	7440-39-3	249		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Beryllium	LPX-SD-4205-0000-0050	7440-41-7	2.2		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Cadmium	LPX-SD-4205-0000-0050	7440-43-9	3.3	E	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Chromium	LPX-SD-4205-0000-0050	7440-47-3	136	&	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Cobalt	LPX-SD-4205-0000-0050	7440-48-4	10.7	E	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Copper	LPX-SD-4205-0000-0050	7440-50-8	154	&	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Iron	LPX-SD-4205-0000-0050	7439-89-6	23800	E	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Lead	LPX-SD-4205-0000-0050	7439-92-1	262	E	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Manganese	LPX-SD-4205-0000-0050	7439-96-5	941		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Molybdenum	LPX-SD-4205-0000-0050	7439-98-7	0.80	U	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/13/05	SW6010B
LPX-SD-4205-0000-0050	M	Nickel	LPX-SD-4205-0000-0050	7440-02-0	40.2		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Selenium	LPX-SD-4205-0000-0050	7782-49-2	1.2	U	mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Silver	LPX-SD-4205-0000-0050	7440-22-4	5.4		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Thallium	LPX-SD-4205-0000-0050	7440-28-0	4.9		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Vanadium	LPX-SD-4205-0000-0050	7440-62-2	31.0		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B
LPX-SD-4205-0000-0050	M	Zinc	LPX-SD-4205-0000-0050	7440-66-6	602		mg/Kg		D0403	MITKEM	D0403-12A	04/08/05	05/10/05	05/11/05	SW6010B

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NSAMPLE	MOI	DUP	CROSSCOLUMN	LINE	YEAR	COMMENT	PARM	MEDIA	TRESULT	TQUAL	COMMENT
LPX-SD-4510-0000-0005	0.66	20		1	59		2	N	7740		
LPX-SD-4510-0000-0005	0.11	2.0		1	59		2	N	2.0	UJ	
LPX-SD-4510-0000-0005	0.15	2.0		1	59		2	N	4.8	U	
LPX-SD-4510-0000-0005	0.25	20		1	59		2	N	178		
LPX-SD-4510-0000-0005	0.012	0 49		1	59		2	N	1.5		
LPX-SD-4510-0000-0005	0.011	0.49		1	59		2	N	2.7	J	
LPX-SD-4510-0000-0005	0.027	2.0		1	59		2	N	117	J	
LPX-SD-4510-0000-0005	0.043	4 9		1	59		2	N	7.8	J	
LPX-SD-4510-0000-0005	0.41	2.9		1	59		2	N	119	J	
LPX-SD-4510-0000-0005	1.7	20		1	59		2	N	11600	J	
LPX-SD-4510-0000-0005	0.080	0.98		1	59		2	N	231	J	
LPX-SD-4510-0000-0005	0.13	4.9		1	59		2	N	234		
LPX-SD-4510-0000-0005	1.7	2.0		1	59		2	N	17.5		
LPX-SD-4510-0000-0005	0 051	4.9		1	59		2	N	34.5		
LPX-SD-4510-0000-0005	0.13	2.9		1	59		2	N	2.9	UJ	
LPX-SD-4510-0000-0005	0.037	2.9		1	59		2	N	4.4	U	
LPX-SD-4510-0000-0005	0.15	2.0		1	59		2	N	2.0	U	
LPX-SD-4510-0000-0005	0.041	4.9		1	59		2	N	20.8		
LPX-SD-4510-0000-0005	0.11	4.9		1	59		2	N	462		
LPX-SD-4204-0000-0050	0.27	8.1		1	0	Freeze-dried material	2	N	4030	J	
LPX-SD-4204-0000-0050	0.045	0.81		1	0	Freeze-dried material	2	N	0.81	UJ	
LPX-SD-4204-0000-0050	0.061	0.81		1	0	Freeze-dried material	2	N	2.4	U	
LPX-SD-4204-0000-0050	0.10	8.1		1	0	Freeze-dried material	2	N	74.0	J	
LPX-SD-4204-0000-0050	0.0049	0.20		1	0	Freeze-dried material	2	N	0.74	J	
LPX-SD-4204-0000-0050	0.0044	0.20		1	0	Freeze-dried material	2	N	1.1	J	
LPX-SD-4204-0000-0050	0.011	0.81		1	0	Freeze-dried material	2	N	42.6	J	
LPX-SD-4204-0000-0050	0 018	2.0		1	0	Freeze-dried material	2	N	3.5	J	
LPX-SD-4204-0000-0050	0.17	1.2		1	0	Freeze-dried material	2	N	44.8	J	
LPX-SD-4204-0000-0050	0 70	8.1		1	0	Freeze-dried material	2	N	7070	J	
LPX-SD-4204-0000-0050	0 033	0.40		1	0	Freeze-dried material	2	N	95.8	J	
LPX-SD-4204-0000-0050	0.054	2.0		1	0	Freeze-dried material	2	N	256	J	
LPX-SD-4204-0000-0050	0.69	0.81		1	0	Freeze-dried material	2	N	8.7	J	
LPX-SD-4204-0000-0050	0.021	2.0		1	0	Freeze-dried material	2	N	15.9	J	
LPX-SD-4204-0000-0050	0.054	1.2		1	0	Freeze-dried material	2	N	1.2	UJ	
LPX-SD-4204-0000-0050	0.015	1.2		1	0	Freeze-dried material	2	N	2.3	U	
LPX-SD-4204-0000-0050	0.064	0.81		1	0	Freeze-dried material	2	N	1.5	U	
LPX-SD-4204-0000-0050	0.017	2.0		1	0	Freeze-dried material	2	N	11.0	J	
LPX-SD-4204-0000-0050	0.045	2.0		1	0	Freeze-dried material	2	N	201	J	
LPX-SD-4205-0000-0050	0.27	8.0		1	0	Freeze-dried material	2	N	10900	J	
LPX-SD-4205-0000-0050	0.045	0.80		1	0	Freeze-dried material	2	N	0.38	U	
LPX-SD-4205-0000-0050	0.061	0.80		1	0	Freeze-dried material	2	N	6.2	J	
LPX-SD-4205-0000-0050	0.10	8.0		1	0	Freeze-dried material	2	N	249	J	
LPX-SD-4205-0000-0050	0.0049	0.20		1	0	Freeze-dried material	2	N	2.2	J	
LPX-SD-4205-0000-0050	0.0044	0.20		1	0	Freeze-dried material	2	N	3.3	J	
LPX-SD-4205-0000-0050	0.011	0.80		1	0	Freeze-dried material	2	N	136	J	
LPX-SD-4205-0000-0050	0 018	2.0		1	0	Freeze-dried material	2	N	10.7	J	
LPX-SD-4205-0000-0050	0 17	1.2		1	0	Freeze-dried material	2	N	154	J	
LPX-SD-4205-0000-0050	3.5	40		5	0	Freeze-dried material	2	N	23800	J	
LPX-SD-4205-0000-0050	0.033	0.40		1	0	Freeze-dried material	2	N	262	J	
LPX-SD-4205-0000-0050	0.054	2.0		1	0	Freeze-dried material	2	N	941	J	
LPX-SD-4205-0000-0050	0.69	0.80		1	0	Freeze-dried material	2	N	0.80	UJ	
LPX-SD-4205-0000-0050	0 021	2.0		1	0	Freeze-dried material	2	N	40.2	J	
LPX-SD-4205-0000-0050	0.054	1.2		1	0	Freeze-dried material	2	N	1.2	UJ	
LPX-SD-4205-0000-0050	0.015	1.2		1	0	Freeze-dried material	2	N	5.4	J	
LPX-SD-4205-0000-0050	0.063	0.80		1	0	Freeze-dried material	2	N	4.9	J	
LPX-SD-4205-0000-0050	0.017	2.0		1	0	Freeze-dried material	2	N	31.0	J	
LPX-SD-4205-0000-0050	0.045	2.0		1	0	Freeze-dried material	2	N	602	J	

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LCS-18050	M	Aluminum	LCS-18050	7429-90-5	91.8		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Antimony	LCS-18050	7440-36-0	92.1	&	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Arsenic	LCS-18050	7440-38-2	93.4		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Barium	LCS-18050	7440-39-3	93.8		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Beryllium	LCS-18050	7440-41-7	92.1		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Cadmium	LCS-18050	7440-43-9	93.9	E	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Chromium	LCS-18050	7440-47-3	93.6	&	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Cobalt	LCS-18050	7440-48-4	93.7	E	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Copper	LCS-18050	7440-50-8	91.7	&	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Iron	LCS-18050	7439-89-6	94.1	E	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Lead	LCS-18050	7439-92-1	96.1	E	PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Manganese	LCS-18050	7439-96-5	94.7		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Molybdenum	LCS-18050	7439-98-7	98.2		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/13/05	SW6010B
LCS-18050	M	Nickel	LCS-18050	7440-02-0	93.9		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Selenium	LCS-18050	7782-49-2	87.7		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Silver	LCS-18050	7440-22-4	83.4		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Thallium	LCS-18050	7440-28-0	92.1		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Vanadium	LCS-18050	7440-62-2	91.9		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
LCS-18050	M	Zinc	LCS-18050	7440-66-6	93.0		PCT_REC		D0403	MITKEM	LCS-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Aluminum	SRM-18050	7429-90-5	72.4		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Antimony	SRM-18050	7440-36-0	53		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Arsenic	SRM-18050	7440-38-2	90.6		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Barium	SRM-18050	7440-39-3	92.4		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Beryllium	SRM-18050	7440-41-7	92.6		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Cadmium	SRM-18050	7440-43-9	92.7		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Chromium	SRM-18050	7440-47-3	92.6		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Cobalt	SRM-18050	7440-48-4	94.8		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Copper	SRM-18050	7440-50-8	93.5		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Iron	SRM-18050	7439-89-6	67.9		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Lead	SRM-18050	7439-92-1	91.8		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Manganese	SRM-18050	7439-96-5	90.6		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Molybdenum	SRM-18050	7439-98-7	99.5		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/13/05	SW6010B
SRM-18050	M	Nickel	SRM-18050	7440-02-0	94.8		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Selenium	SRM-18050	7782-49-2	86.7		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Silver	SRM-18050	7440-22-4	89.3		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Thallium	SRM-18050	7440-28-0	91.9		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Vanadium	SRM-18050	7440-62-2	79.5		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
SRM-18050	M	Zinc	SRM-18050	7440-66-6	92.1		PCT_REC		D0403	MITKEM	SRM-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Aluminum	MB-18050	7429-90-5	9.091	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Antimony	MB-18050	7440-36-0	0.368	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Arsenic	MB-18050	7440-38-2	0.313	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Barium	MB-18050	7440-39-3	0.266	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Beryllium	MB-18050	7440-41-7	-0.007	U	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Cadmium	MB-18050	7440-43-9	0.019	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Chromium	MB-18050	7440-47-3	0.043	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Cobalt	MB-18050	7440-48-4	0.031	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Copper	MB-18050	7440-50-8	0.295	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Iron	MB-18050	7439-89-6	3.672	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Lead	MB-18050	7439-92-1	0.172	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Manganese	MB-18050	7439-96-5	2.042	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Molybdenum	MB-18050	7439-98-7	1.000	U	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/13/05	SW6010B
MB-18050	M	Nickel	MB-18050	7440-02-0	2.500	U	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Selenium	MB-18050	7782-49-2	-0.388	U	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Silver	MB-18050	7440-22-4	0.600	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Thallium	MB-18050	7440-28-0	0.199	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Vanadium	MB-18050	7440-62-2	2.500	U	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B
MB-18050	M	Zinc	MB-18050	7440-66-6	0.574	J	mg/Kg		D0403	MITKEM	MB-18050		05/10/05	05/11/05	SW6010B

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SAMPLE	MDL	DL									
LCS-18050	0.340	10.000		1	0		2	LCS	91.8		
LCS-18050	0.056	1.000		1	0		2	LCS	92.1	&	
LCS-18050	0.076	1.000		1	0		2	LCS	93.4		
LCS-18050	0.130	10.000		1	0		2	LCS	93.8		
LCS-18050	0.006	0.250		1	0		2	LCS	92.1		
LCS-18050	0.005	0.250		1	0		2	LCS	93.9	E	
LCS-18050	0.014	1.000		1	0		2	LCS	93.8	&	
LCS-18050	0.022	2.500		1	0		2	LCS	93.7	E	
LCS-18050	0.210	1.500		1	0		2	LCS	91.7	&	
LCS-18050	0.870	10.000		1	0		2	LCS	94.1	E	
LCS-18050	0.041	0.500		1	0		2	LCS	96.1	E	
LCS-18050	0.067	2.500		1	0		2	LCS	94.7		
LCS-18050	0.860	1.000		1	0		2	LCS	98.2		
LCS-18050	0.026	2.500		1	0		2	LCS	93.9		
LCS-18050	0.067	1.500		1	0		2	LCS	87.7		
LCS-18050	0.019	1.500		1	0		2	LCS	83.4		
LCS-18050	0.079	1.000		1	0		2	LCS	92.1		
LCS-18050	0.021	2.500		1	0		2	LCS	91.9		
LCS-18050	0.056	2.500		1	0		2	LCS	93.0		
SRM-18050	0.340	10.000		1	0		2	SRM	72.4		
SRM-18050	0.056	1.000		1	0		2	SRM	53		
SRM-18050	0.076	1.000		1	0		2	SRM	90.6		
SRM-18050	0.130	10.000		1	0		2	SRM	92.4		
SRM-18050	0.006	0.250		1	0		2	SRM	92.6		
SRM-18050	0.005	0.250		1	0		2	SRM	92.7		
SRM-18050	0.014	1.000		1	0		2	SRM	92.6		
SRM-18050	0.022	2.500		1	0		2	SRM	94.8		
SRM-18050	0.210	1.500		1	0		2	SRM	93.5		
SRM-18050	0.870	10.000		1	0		2	SRM	67.9		
SRM-18050	0.041	0.500		1	0		2	SRM	91.8		
SRM-18050	0.067	2.500		1	0		2	SRM	90.6		
SRM-18050	0.860	1.000		1	0		2	SRM	99.5		
SRM-18050	0.026	2.500		1	0		2	SRM	94.8		
SRM-18050	0.067	1.500		1	0		2	SRM	86.7		
SRM-18050	0.019	1.500		1	0		2	SRM	89.3		
SRM-18050	0.079	1.000		1	0		2	SRM	91.9		
SRM-18050	0.021	2.500		1	0		2	SRM	79.5		
SRM-18050	0.056	2.500		1	0		2	SRM	92.1		
MB-18050	0.340	10.000		1	0		2	MB	9.091	J	
MB-18050	0.056	1.000		1	0		2	MB	0.368	J	
MB-18050	0.076	1.000		1	0		2	MB	0.313	J	
MB-18050	0.130	10.000		1	0		2	MB	0.266	J	
MB-18050	0.006	0.250		1	0		2	MB	-0.007	U	
MB-18050	0.005	0.250		1	0		2	MB	0.019	J	
MB-18050	0.014	1.000		1	0		2	MB	0.043	J	
MB-18050	0.022	2.500		1	0		2	MB	0.031	J	
MB-18050	0.210	1.500		1	0		2	MB	0.295	J	
MB-18050	0.870	10.000		1	0		2	MB	3.672	J	
MB-18050	0.041	0.500		1	0		2	MB	0.172	J	
MB-18050	0.067	2.500		1	0		2	MB	2.042	J	
MB-18050	0.860	1.000		1	0		2	MB	1.000	U	
MB-18050	0.026	2.500		1	0		2	MB	2.500	U	
MB-18050	0.067	1.500		1	0		2	MB	-0.388	U	
MB-18050	0.019	1.500		1	0		2	MB	0.800	J	
MB-18050	0.079	1.000		1	0		2	MB	0.199	J	
MB-18050	0.021	2.500		1	0		2	MB	2.500	U	
MB-18050	0.056	2.500		1	0		2	MB	0.574	J	

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Section 5
Radiometric Age Dating Results

TELEDYNE
BROWN ENGINEERING
A Teledyne Technologies Company
2508 Quality Lane
Knoxville, TN 37931
865-690-6819

Deirdre Dahlen
Battelle
397 Washington Street
Duxbury, MA 02332

SDG NARRATIVE – L25494
05/20/05

SAMPLE RECEIPT

The following samples were received April 21, 2005 in good condition unless otherwise noted.

All samples were received outside the required temperature requirements.

Cross Reference Table

Client ID	Laboratory ID	Station ID (if applicable)
LPX-SD-4502-0000-0001	L25494-1	
LPX-SD-4502-0002-0003	L25494-2	
LPX-SD-4502-0004-0005	L25494-3	
LPX-SD-4502-0006-0007	L25494-4	
LPX-SD-4502-0008-0009	L25494-5	
LPX-SD-4502-0010-0011	L25494-6	
LPX-SD-4502-0010-0011 DUP	L25494-7	
LPX-SD-4502-0012-0013	L25494-8	
LPX-SD-4502-0014-0015	L25494-9	
LPX-SD-4502-0016-0017	L25494-10	
LPX-SD-4502-0018-0019	L25494-11	
LPX-SD-4502-0020-0021	L25494-12	
LPX-SD-4502-0022-0023	L25494-13	
LPX-SD-4502-0024-0025	L25494-14	
LPX-SD-4502-0026-0027	L25494-15	
LPX-SD-4502-0028-0029	L25494-16	
LPX-SD-4503-0000-0001	L25494-17	
LPX-SD-4503-0002-0003	L25494-18	
LPX-SD-4503-0004-0005	L25494-19	
LPX-SD-4503-0006-0007	L25494-20	
LPX-SD-4502-024-0025 MS	L25494-21	
LPX-SD-4502-0016-0017 DUP	L25494-22	

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GAMMA SPECTROSCOPY

Samples were analyzed by method TBE-2008 based on EPA method 901.1. No problems were encountered during analysis.

QUALITY CONTROL

Method Blank
All blanks were within acceptance limits.

Laboratory Control Sample
All laboratory control samples were within acceptance limits.

Duplicate Samples
One duplicate was analyzed for every 20 samples. Duplicates consisted of the same sample counted twice. Because of the extended count times, duplicates could not always be counted on the same day as the original sample. All duplicates were within acceptance limits.

PB-210

Samples were analyzed by method TBE-032-30. No problems were encountered during preparation or counting.

QUALITY CONTROL

Method Blank
All blanks were within acceptance limits.

Laboratory Control Sample
The spiking solution was NIST traceable and used before its expiration date. All laboratory control samples were within acceptance limits.

Duplicate Samples
One duplicate was analyzed for every 20 samples. All duplicates were within acceptance limits.

Matrix Spike
One matrix spike was analyzed for every 20 samples. All matrix spike results were within acceptance limits.

CERTIFICATE OF CONFORMANCE
L25494

This certifies that Teledyne Brown Engineering –Environmental Services located at 2508 Quality Lane, Knoxville, Tennessee, 37931, has analyzed, tested and documented samples as specified in the applicable purchase order and Quality Assurance Project Plan.

This also certifies that requirements of applicable codes, standards and specifications have been fully met and that any quality assurance documentation which verified conformance to the purchase order is on file and may be examined upon request.

I hereby certify that the above statements are true and correct and that the following reviewer verified the information presented in this case narrative.

Keith Jeter
Operations Manager

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB ID	REC DATE
LPX-SD-4502-0000-0001	RAD	PB-210	LPX-SD-4502-0000-0001	14255-04-0	5.15	+	pCi/g Dry		L25494	Teledyne Brown	L25494-1	4212005
LPX-SD-4502-0000-0001	RAD	CS-137	LPX-SD-4502-0000-0001	7440-46-2	0.4299	U	pCi/g Dry		L25494	Teledyne Brown	L25494-1	4212005
LPX-SD-4502-0002-0003	RAD	PB-210	LPX-SD-4502-0002-0003	14255-04-0	6.6	+	pCi/g Dry		L25494	Teledyne Brown	L25494-2	4212005
LPX-SD-4502-0002-0003	RAD	CS-137	LPX-SD-4502-0002-0003	7440-46-2	0.6097	+	pCi/g Dry		L25494	Teledyne Brown	L25494-2	4212005
LPX-SD-4502-0004-0005	RAD	PB-210	LPX-SD-4502-0004-0005	14255-04-0	6.24	+	pCi/g Dry		L25494	Teledyne Brown	L25494-3	4212005
LPX-SD-4502-0004-0005	RAD	CS-137	LPX-SD-4502-0004-0005	7440-46-2	0.5672	+	pCi/g Dry		L25494	Teledyne Brown	L25494-3	4212005
LPX-SD-4502-0006-0007	RAD	PB-210	LPX-SD-4502-0006-0007	14255-04-0	4.89	+	pCi/g Dry		L25494	Teledyne Brown	L25494-4	4212005
LPX-SD-4502-0006-0007	RAD	CS-137	LPX-SD-4502-0006-0007	7440-46-2	0.3796	+	pCi/g Dry		L25494	Teledyne Brown	L25494-4	4212005
LPX-SD-4502-0008-0009	RAD	PB-210	LPX-SD-4502-0008-0009	14255-04-0	3.2	+	pCi/g Dry		L25494	Teledyne Brown	L25494-5	4212005
LPX-SD-4502-0008-0009	RAD	CS-137	LPX-SD-4502-0008-0009	7440-46-2	0.3381	+	pCi/g Dry		L25494	Teledyne Brown	L25494-5	4212005
LPX-SD-4502-0010-0011	RAD	PB-210	LPX-SD-4502-0010-0011	14255-04-0	3.46	+	pCi/g Dry		L25494	Teledyne Brown	L25494-6	4212005
LPX-SD-4502-0010-0011	RAD	CS-137	LPX-SD-4502-0010-0011	7440-46-2	0.7405	+	pCi/g Dry		L25494	Teledyne Brown	L25494-6	4212005
LPX-SD-4502-0010-0011 DUP	RAD	CS-137	LPX-SD-4502-0010-0011 DUP	7440-46-2	0.7265	+	pCi/g Dry		L25494	Teledyne Brown	L25494-7	4212005
LPX-SD-4502-0012-0013	RAD	PB-210	LPX-SD-4502-0012-0013	14255-04-0	4.35	+	pCi/g Dry		L25494	Teledyne Brown	L25494-8	4212005
LPX-SD-4502-0012-0013	RAD	CS-137	LPX-SD-4502-0012-0013	7440-46-2	0.614	+	pCi/g Dry		L25494	Teledyne Brown	L25494-8	4212005
LPX-SD-4502-0014-0015	RAD	PB-210	LPX-SD-4502-0014-0015	14255-04-0	2.33	+	pCi/g Dry		L25494	Teledyne Brown	L25494-9	4212005
LPX-SD-4502-0014-0015	RAD	CS-137	LPX-SD-4502-0014-0015	7440-46-2	0.9779	+	pCi/g Dry		L25494	Teledyne Brown	L25494-9	4212005
LPX-SD-4502-0016-0017	RAD	PB-210	LPX-SD-4502-0016-0017	14255-04-0	1.65	+	pCi/g Dry		L25494	Teledyne Brown	L25494-10	4212005
LPX-SD-4502-0016-0017	RAD	CS-137	LPX-SD-4502-0016-0017	7440-46-2	0.989	+	pCi/g Dry		L25494	Teledyne Brown	L25494-10	4212005
LPX-SD-4502-0018-0019	RAD	PB-210	LPX-SD-4502-0018-0019	14255-04-0	2.15	+	pCi/g Dry		L25494	Teledyne Brown	L25494-11	4212005
LPX-SD-4502-0018-0019	RAD	CS-137	LPX-SD-4502-0018-0019	7440-46-2	1.029	+	pCi/g Dry		L25494	Teledyne Brown	L25494-11	4212005
LPX-SD-4502-0020-0021	RAD	PB-210	LPX-SD-4502-0020-0021	14255-04-0	2.61	+	pCi/g Dry		L25494	Teledyne Brown	L25494-12	4212005
LPX-SD-4502-0020-0021	RAD	CS-137	LPX-SD-4502-0020-0021	7440-46-2	0.9406	+	pCi/g Dry		L25494	Teledyne Brown	L25494-12	4212005
LPX-SD-4502-0022-0023	RAD	PB-210	LPX-SD-4502-0022-0023	14255-04-0	2.42	+	pCi/g Dry		L25494	Teledyne Brown	L25494-13	4212005
LPX-SD-4502-0022-0023	RAD	CS-137	LPX-SD-4502-0022-0023	7440-46-2	0.2856	+	pCi/g Dry		L25494	Teledyne Brown	L25494-13	4212005
LPX-SD-4502-0024-0025	RAD	PB-210	LPX-SD-4502-0024-0025	14255-04-0	1.58	+	pCi/g Dry		L25494	Teledyne Brown	L25494-14	4212005
LPX-SD-4502-0024-0025	RAD	CS-137	LPX-SD-4502-0024-0025	7440-46-2	0.414	+	pCi/g Dry		L25494	Teledyne Brown	L25494-14	4212005
LPX-SD-4502-0026-0027	RAD	PB-210	LPX-SD-4502-0026-0027	14255-04-0	1.42	+	pCi/g Dry		L25494	Teledyne Brown	L25494-15	4212005
LPX-SD-4502-0026-0027	RAD	CS-137	LPX-SD-4502-0026-0027	7440-46-2	0.4364	+	pCi/g Dry		L25494	Teledyne Brown	L25494-15	4212005
LPX-SD-4502-0028-0029	RAD	PB-210	LPX-SD-4502-0028-0029	14255-04-0	1.34	+	pCi/g Dry		L25494	Teledyne Brown	L25494-16	4212005
LPX-SD-4502-0028-0029	RAD	CS-137	LPX-SD-4502-0028-0029	7440-46-2	0.04639	U	pCi/g Dry		L25494	Teledyne Brown	L25494-16	4212005
LPX-SD-4503-0000-0001	RAD	PB-210	LPX-SD-4503-0000-0001	14255-04-0	4.33	+	pCi/g Dry		L25494	Teledyne Brown	L25494-17	4212005
LPX-SD-4503-0000-0001	RAD	CS-137	LPX-SD-4503-0000-0001	7440-46-2	0.5238	+	pCi/g Dry		L25494	Teledyne Brown	L25494-17	4212005
LPX-SD-4503-0002-0003	RAD	PB-210	LPX-SD-4503-0002-0003	14255-04-0	5.89	+	pCi/g Dry		L25494	Teledyne Brown	L25494-18	4212005
LPX-SD-4503-0002-0003	RAD	CS-137	LPX-SD-4503-0002-0003	7440-46-2	0.6074	+	pCi/g Dry		L25494	Teledyne Brown	L25494-18	4212005
LPX-SD-4503-0004-0005	RAD	PB-210	LPX-SD-4503-0004-0005	14255-04-0	5.7	+	pCi/g Dry		L25494	Teledyne Brown	L25494-19	4212005
LPX-SD-4503-0004-0005	RAD	CS-137	LPX-SD-4503-0004-0005	7440-46-2	0.5641	+	pCi/g Dry		L25494	Teledyne Brown	L25494-19	4212005
LPX-SD-4503-0006-0007	RAD	PB-210	LPX-SD-4503-0006-0007	14255-04-0	5.67	+	pCi/g Dry		L25494	Teledyne Brown	L25494-20	4212005
LPX-SD-4503-0006-0007	RAD	CS-137	LPX-SD-4503-0006-0007	7440-46-2	1.484	+	pCi/g Dry		L25494	Teledyne Brown	L25494-20	4212005
LPX-SD-4502-024-0025 MS	RAD	PB-210	LPX-SD-4502-024-0025 MS	14255-04-0	34.1	+	pCi/g Dry		L25494	Teledyne Brown	L25494-21	4212005
LPX-SD-4502-0016-0017 DUP	RAD	PB-210	LPX-SD-4502-0016-0017 DUP	14255-04-0	2.2	+	pCi/g Dry		L25494	Teledyne Brown	L25494-22	4212005
WG2833-1	RAD	CS-137	WG2833-1	7440-46-2	-0.004935	U	pCi/g Dry		WG2833	Teledyne Brown	WG2833-1	
WG2853-1	RAD	PB-210	WG2853-1	14255-04-0	1.59	U	pCi/Total		WG2853	Teledyne Brown	WG2853-1	
WG2853-2	RAD	PB-210	WG2853-2	14255-04-0	70.234008	+	%		WG2853	Teledyne Brown	WG2853-2	
WG2910-1	RAD	CS-137	WG2910-1	7440-46-2	0.07083	U	pCi/g Dry		WG2910	Teledyne Brown	WG2910-1	

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NSAMPLE	EX	DATE		METHOD	VOL	DL	QFDL	QFQL		COMMENTS		TYPE
LPX-SD-4502-0000-0001		5032005	5042005	TBE-2015	0.177			1	81.3			
LPX-SD-4502-0000-0001		5062005	5062005	TBE-2007	0.1758			1	81.3			
LPX-SD-4502-0002-0003		5032005	5042005	TBE-2015	0.142			1	81.3			
LPX-SD-4502-0002-0003		4272005	4272005	TBE-2007	0.08837			1	81.3			
LPX-SD-4502-0004-0005		5032005	5052005	TBE-2015	0.146			1	80.4			
LPX-SD-4502-0004-0005		4272005	4272005	TBE-2007	0.1337			1	80.4			
LPX-SD-4502-0006-0007		5032005	5052005	TBE-2015	0.1			1	77.7			
LPX-SD-4502-0006-0007		5062005	5062005	TBE-2007	0.2376			1	77.7			
LPX-SD-4502-0008-0009		5032005	5052005	TBE-2015	0.108			1	71.9			
LPX-SD-4502-0008-0009		4272005	4272005	TBE-2007	0.1228			1	71.9			
LPX-SD-4502-0010-0011		5032005	5052005	TBE-2015	0.176			1	76.9			
LPX-SD-4502-0010-0011		5062005	5062005	TBE-2007	0.1072			1	76.9			
LPX-SD-4502-0010-0011 DUP		4262005	4262005	TBE-2007	0.1831			1	76.9			DUP
LPX-SD-4502-0012-0013		5032005	5052005	TBE-2015	0.179			1	74.3			
LPX-SD-4502-0012-0013		4252005	4252005	TBE-2007	0.3984			1	74.3			
LPX-SD-4502-0014-0015		5032005	5052005	TBE-2015	0.0905			1	66.7			
LPX-SD-4502-0014-0015		5062005	5062005	TBE-2007	0.126			1	66.7			
LPX-SD-4502-0016-0017		5032005	5052005	TBE-2015	0.0983			1	62.3			
LPX-SD-4502-0016-0017		4252005	4252005	TBE-2007	0.2532			1	62.3			
LPX-SD-4502-0018-0019		5032005	5052005	TBE-2015	0.129			1	77			
LPX-SD-4502-0018-0019		4262005	4262005	TBE-2007	0.1539			1	77			
LPX-SD-4502-0020-0021		5032005	5052005	TBE-2015	0.199			1	81.8			
LPX-SD-4502-0020-0021		4262005	4262005	TBE-2007	0.4073			1	81.8			
LPX-SD-4502-0022-0023		5032005	5052005	TBE-2015	0.214			1	79.4			
LPX-SD-4502-0022-0023		5062005	5062005	TBE-2007	0.1681			1	79.4			
LPX-SD-4502-0024-0025		5032005	5052005	TBE-2015	0.154			1	71.8			
LPX-SD-4502-0024-0025		5062005	5062005	TBE-2007	0.3302			1	71.8			
LPX-SD-4502-0026-0027		5032005	5052005	TBE-2015	0.126			1	72.3			
LPX-SD-4502-0026-0027		5062005	5062005	TBE-2007	0.1346			1	72.3			
LPX-SD-4502-0028-0029		5032005	5052005	TBE-2015	0.188			1	70.9			
LPX-SD-4502-0028-0029		4272005	4272005	TBE-2007	0.1092			1	70.9			
LPX-SD-4503-0000-0001		5032005	5052005	TBE-2015	0.332			1	80.5			
LPX-SD-4503-0000-0001		5062005	5062005	TBE-2007	0.2499			1	80.5			
LPX-SD-4503-0002-0003		5032005	5052005	TBE-2015	0.485			1	79.9			
LPX-SD-4503-0002-0003		4262005	4262005	TBE-2007	0.3709			1	79.9			
LPX-SD-4503-0004-0005		5032005	5052005	TBE-2015	0.622			1	80.2			
LPX-SD-4503-0004-0005		5062005	5062005	TBE-2007	0.1112			1	80.2			
LPX-SD-4503-0006-0007		5032005	5052005	TBE-2015	0.213			1	80.3			
LPX-SD-4503-0006-0007		5062005	5062005	TBE-2007	0.6254			1	80.3			
LPX-SD-4502-024-0025 MS		5032005	5052005	TBE-2015	0.225			1	79.4			MS
LPX-SD-4502-0016-0017 DUP		5032005	5052005	TBE-2015	0.252			1	0			DUP
WG2833-1		4292005	4292005	TBE-2007	0.06137			1	0			MB
WG2853-1		5032005	5042005	TBE-2015	1.66			1	0			MB
WG2853-2		5032005	5062005	TBE-2015				1	0			LCS
WG2910-1		5132005	5132005	TBE-2007	0.1087			1	0			MB

Filename: Radiometric_Sediment_L[illegible]'94.xls

TELEDYNE
BROWN ENGINEERING
A Teledyne Technologies Company
2508 Quality Lane
Knoxville, TN 37931
865-690-6819

Deirdre Dahlen
Battelle
397 Washington Street
Duxbury, MA 02332

SDG NARRATIVE – L25495
05/31/05

SAMPLE RECEIPT

The following samples were received April 21, 2005 in good condition unless otherwise noted.

Cross Reference Table

Client ID	Laboratory ID	Station ID(if applicable)
LPX-SD-4503-0008-0009	L25495-1	
LPX-SD-4503-0010-0011	L25495-2	
LPX-SD-4503-0012-0013	L25495-3	
LPX-SD-4503-0012-0013 MS	L25495-4	
LPX-SD-4503-0014-0015	L25495-5	
LPX-SD-4503-0016-0017	L25495-6	
LPX-SD-4503-0018-0019	L25495-7	
LPX-SD-4503-0020-0021	L25495-8	
LPX-SD-4503-0022-0023	L25495-9	
LPX-SD-4503-0024-0025	L25495-10	
LPX-SD-4503-0026-0027	L25495-11	
LPX-SD-4503-0028-0029	L25495-12	
LPX-SD-4509-0000-0001	L25495-13	
LPX-SD-4509-0002-0003	L25495-14	
LPX-SD-4509-0004-0005	L25495-15	
LPX-SD-4509-0006-0007	L25495-16	
LPX-SD-4509-0008-0009	L25495-17	
LPX-SD-4509-0010-0011	L25495-18	
LPX-SD-4509-0012-0013	L25495-19	
LPX-SD-4509-0014-0015	L25495-20	
LPX-SD-4503-0018-0019 DUP	L25495-21	

US EPA ARCHIVE DOCUMENT

GAMMA SPECTROSCOPY

Samples were analyzed by method TBE-2008 based on EPA method 901.1. No problems were encountered during analysis.

QUALITY CONTROL

Method Blank
All blanks were within acceptance limits

Duplicate Samples
One duplicate was analyzed for every 20 samples. Duplicates consisted of the same sample counted twice. Because of the extended count times, duplicates could not always be counted on the same day as the original sample. All duplicates were within acceptance limits.

PB-210

Samples were analyzed by method TBE-2015. Sample recoveries were low on the original analysis. Reruns were performed. Rerun samples also showed low recovery. The results are reported from the rerun.

QUALITY CONTROL

Method Blank
All blanks were within acceptance limits

Laboratory Control Sample
The spiking solution was NIST traceable and used before its expiration date. All laboratory control samples were within acceptance limits.

Duplicate Samples
One duplicate was analyzed for every 20 samples. All duplicates were within acceptance limits.

Matrix Spike
One matrix spike was analyzed for every 20 samples. All matrix spike results were within acceptance limits.

CERTIFICATE OF CONFORMANCE
L25495

This certifies that Teledyne Brown Engineering –Environmental Services located at 2508 Quality Lane, Knoxville, Tennessee, 37931, has analyzed, tested and documented samples as specified in the applicable purchase order and Quality Assurance Project Plan.

This also certifies that requirements of applicable codes, standards and specifications have been fully met and that any quality assurance documentation which verified conformance to the purchase order is on file and may be examined upon request.

I hereby certify that the above statements are true and correct and that the following reviewer verified the information presented in this case narrative.

Keith Jeter
Operations Manager

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB ID	REC DATE
LPX-SD-4503-0008-0009	RAD	CS-137	LPX-SD-4503-0008-0009	7440-46-2	0.8661	+	pCi/g Dry		L25495	Teledyne Brown	L25495-1	4212005
LPX-SD-4503-0008-0009	RAD	PB-210	LPX-SD-4503-0008-0009	14255-04-0	4.57	+	pCi/g Dry		L25495	Teledyne Brown	L25495-1R1	4212005
LPX-SD-4503-0010-0011	RAD	CS-137	LPX-SD-4503-0010-0011	7440-46-2	0.3338	U	pCi/g Dry		L25495	Teledyne Brown	L25495-2	4212005
LPX-SD-4503-0010-0011	RAD	PB-210	LPX-SD-4503-0010-0011	14255-04-0	2.46	+	pCi/g Dry		L25495	Teledyne Brown	L25495-2R1	4212005
LPX-SD-4503-0012-0013	RAD	CS-137	LPX-SD-4503-0012-0013	7440-46-2	1.359	+	pCi/g Dry		L25495	Teledyne Brown	L25495-3	4212005
LPX-SD-4503-0012-0013	RAD	PB-210	LPX-SD-4503-0012-0013	14255-04-0	1.72	+	pCi/g Dry		L25495	Teledyne Brown	L25495-3R1	4212005
LPX-SD-4503-0012-0013 MS	RAD	PB-210	LPX-SD-4503-0012-0013 MS	14255-04-0	71.4	+	pCi/g Dry		L25495	Teledyne Brown	L25495-4R1	4212005
LPX-SD-4503-0014-0015	RAD	CS-137	LPX-SD-4503-0014-0015	7440-46-2	0.658	+	pCi/g Dry		L25495	Teledyne Brown	L25495-5	4212005
LPX-SD-4503-0014-0015	RAD	PB-210	LPX-SD-4503-0014-0015	14255-04-0	1.53	+	pCi/g Dry		L25495	Teledyne Brown	L25495-5R1	4212005
LPX-SD-4503-0016-0017	RAD	CS-137	LPX-SD-4503-0016-0017	7440-46-2	0.6736	+	pCi/g Dry		L25495	Teledyne Brown	L25495-6	4212005
LPX-SD-4503-0016-0017	RAD	PB-210	LPX-SD-4503-0016-0017	14255-04-0	1.6	+	pCi/g Dry		L25495	Teledyne Brown	L25495-6R1	4212005
LPX-SD-4503-0018-0019	RAD	CS-137	LPX-SD-4503-0018-0019	7440-46-2	0.3228	+	pCi/g Dry		L25495	Teledyne Brown	L25495-7	4212005
LPX-SD-4503-0018-0019	RAD	PB-210	LPX-SD-4503-0018-0019	14255-04-0	1.97	+	pCi/g Dry		L25495	Teledyne Brown	L25495-7R1	4212005
LPX-SD-4503-0018-0019 DUP	RAD	CS-137	LPX-SD-4503-0018-0019 DUP	7440-46-2	0.2506	+	pCi/g Dry		L25495	Teledyne Brown	L25495-21	4212005
LPX-SD-4503-0018-0019 DUP	RAD	PB-210	LPX-SD-4503-0018-0019 DUP	14255-04-0	1.96	+	pCi/g Dry		L25495	Teledyne Brown	L25495-21R1	4212005
LPX-SD-4503-0020-0021	RAD	CS-137	LPX-SD-4503-0020-0021	7440-46-2	0.2703	+	pCi/g Dry		L25495	Teledyne Brown	L25495-8	4212005
LPX-SD-4503-0020-0021	RAD	PB-210	LPX-SD-4503-0020-0021	14255-04-0	1.36	+	pCi/g Dry		L25495	Teledyne Brown	L25495-8R1	4212005
LPX-SD-4503-0022-0023	RAD	CS-137	LPX-SD-4503-0022-0023	7440-46-2	0.1784	U	pCi/g Dry		L25495	Teledyne Brown	L25495-9	4212005
LPX-SD-4503-0022-0023	RAD	PB-210	LPX-SD-4503-0022-0023	14255-04-0	1.2	+	pCi/g Dry		L25495	Teledyne Brown	L25495-9R1	4212005
LPX-SD-4503-0024-0025	RAD	CS-137	LPX-SD-4503-0024-0025	7440-46-2	0.04527	U	pCi/g Dry		L25495	Teledyne Brown	L25495-10	4212005
LPX-SD-4503-0024-0025	RAD	PB-210	LPX-SD-4503-0024-0025	14255-04-0	0.969	+	pCi/g Dry		L25495	Teledyne Brown	L25495-10R1	4212005
LPX-SD-4503-0026-0027	RAD	CS-137	LPX-SD-4503-0026-0027	7440-46-2	0.03228	U	pCi/g Dry		L25495	Teledyne Brown	L25495-11	4212005
LPX-SD-4503-0026-0027	RAD	PB-210	LPX-SD-4503-0026-0027	14255-04-0	0.679	+	pCi/g Dry		L25495	Teledyne Brown	L25495-11R1	4212005
LPX-SD-4503-0028-0029	RAD	CS-137	LPX-SD-4503-0028-0029	7440-46-2	0.02187	U	pCi/g Dry		L25495	Teledyne Brown	L25495-12	4212005
LPX-SD-4503-0028-0029	RAD	PB-210	LPX-SD-4503-0028-0029	14255-04-0	0.702	+	pCi/g Dry		L25495	Teledyne Brown	L25495-12R1	4212005
LPX-SD-4509-0000-0001	RAD	CS-137	LPX-SD-4509-0000-0001	7440-46-2	0.2935	+	pCi/g Dry		L25495	Teledyne Brown	L25495-13	4212005
LPX-SD-4509-0000-0001	RAD	PB-210	LPX-SD-4509-0000-0001	14255-04-0	3.06	+	pCi/g Dry		L25495	Teledyne Brown	L25495-13R1	4212005
LPX-SD-4509-0002-0003	RAD	CS-137	LPX-SD-4509-0002-0003	7440-46-2	0.7427	+	pCi/g Dry		L25495	Teledyne Brown	L25495-14	4212005
LPX-SD-4509-0002-0003	RAD	PB-210	LPX-SD-4509-0002-0003	14255-04-0	4.12	+	pCi/g Dry		L25495	Teledyne Brown	L25495-14R1	4212005
LPX-SD-4509-0004-0005	RAD	CS-137	LPX-SD-4509-0004-0005	7440-46-2	0.5477	+	pCi/g Dry		L25495	Teledyne Brown	L25495-15	4212005
LPX-SD-4509-0004-0005	RAD	PB-210	LPX-SD-4509-0004-0005	14255-04-0	1.34	+	pCi/g Dry		L25495	Teledyne Brown	L25495-15R1	4212005
LPX-SD-4509-0006-0007	RAD	CS-137	LPX-SD-4509-0006-0007	7440-46-2	0.5276	+	pCi/g Dry		L25495	Teledyne Brown	L25495-16	4212005
LPX-SD-4509-0006-0007	RAD	PB-210	LPX-SD-4509-0006-0007	14255-04-0	1.11	+	pCi/g Dry		L25495	Teledyne Brown	L25495-16R1	4212005
LPX-SD-4509-0008-0009	RAD	CS-137	LPX-SD-4509-0008-0009	7440-46-2	0.1366	+	pCi/g Dry		L25495	Teledyne Brown	L25495-17	4212005
LPX-SD-4509-0008-0009	RAD	PB-210	LPX-SD-4509-0008-0009	14255-04-0	0.573	+	pCi/g Dry		L25495	Teledyne Brown	L25495-17R1	4212005
LPX-SD-4509-0010-0011	RAD	CS-137	LPX-SD-4509-0010-0011	7440-46-2	0.3576	+	pCi/g Dry		L25495	Teledyne Brown	L25495-18	4212005
LPX-SD-4509-0010-0011	RAD	PB-210	LPX-SD-4509-0010-0011	14255-04-0	1.02	+	pCi/g Dry		L25495	Teledyne Brown	L25495-18R1	4212005
LPX-SD-4509-0012-0013	RAD	CS-137	LPX-SD-4509-0012-0013	7440-46-2	0.4842	+	pCi/g Dry		L25495	Teledyne Brown	L25495-19	4212005
LPX-SD-4509-0012-0013	RAD	PB-210	LPX-SD-4509-0012-0013	14255-04-0	1.21	+	pCi/g Dry		L25495	Teledyne Brown	L25495-19R1	4212005
LPX-SD-4509-0014-0015	RAD	CS-137	LPX-SD-4509-0014-0015	7440-46-2	-0.1036	U	pCi/g Dry		L25495	Teledyne Brown	L25495-20	4212005
LPX-SD-4509-0014-0015	RAD	PB-210	LPX-SD-4509-0014-0015	14255-04-0	1.17	+	pCi/g Dry		L25495	Teledyne Brown	L25495-20R1	4212005
WG2907-1	RAD	PB-210	WG2907-1	14255-04-0	0.494	U	pCi/Total		WG2907	Teledyne Brown	WG2907-1	
WG2907-2	RAD	PB-210	WG2907-2	14255-04-0	96.847343	+	%		WG2907	Teledyne Brown	WG2907-2	
WG2936-1	RAD	CS-137	WG2936-1	7440-46-2	-0.05674	U	pCi/g Dry		WG2936	Teledyne Brown	WG2936-1	
WG2937-1	RAD	CS-137	WG2937-1	7440-46-2	0.05014	U	pCi/g Dry		WG2937	Teledyne Brown	WG2937-1	
WG2938-1	RAD	CS-137	WG2938-1	7440-46-2	0.01956	U	pCi/g Dry		WG2938	Teledyne Brown	WG2938-1	
WG2939-1	RAD	CS-137	WG2939-1	7440-46-2	-0.04056	U	pCi/g Dry		WG2939	Teledyne Brown	WG2939-1	

US EPA ARCHIVE DOCUMENT

SAMPLE	EXTRACTION	ANALYSIS	METHOD	ADL	DILUTION	FACTOR	FACTOR	QUALIFIER	QAQC TYPE
LPX-SD-4503-0008-0009	4272005	4272005	TBE-2007	0.4165		1	78.5		
LPX-SD-4503-0008-0009	5252005	5272005	TBE-2015	0.473		1	78.5		
LPX-SD-4503-0010-0011	4272005	4272005	TBE-2007	0.1452		1	69.4		
LPX-SD-4503-0010-0011	5252005	5272005	TBE-2015	0.284		1	69.4		
LPX-SD-4503-0012-0013	5192005	5192005	TBE-2007	0.15		1	62.3		
LPX-SD-4503-0012-0013	5252005	5272005	TBE-2015	0.247		1	62.3		
LPX-SD-4503-0012-0013 MS	5252005	5272005	TBE-2015	0.256		1	62.3		MS
LPX-SD-4503-0014-0015	4272005	4272005	TBE-2007	0.2048		1	68.5		
LPX-SD-4503-0014-0015	5252005	5272005	TBE-2015	0.292		1	68.5		
LPX-SD-4503-0016-0017	5102005	5102005	TBE-2007	0.313		1	78.3		
LPX-SD-4503-0016-0017	5252005	5272005	TBE-2015	0.307		1	78.3		
LPX-SD-4503-0018-0019	5102005	5102005	TBE-2007	0.2196		1	79.7		
LPX-SD-4503-0018-0019	5252005	5272005	TBE-2015	0.227		1	79.7		
LPX-SD-4503-0018-0019 DUP	5112005	5112005	TBE-2007	0.1831		1	79.7		DUP
LPX-SD-4503-0018-0019 DUP	5252005	5272005	TBE-2015	0.507		1	79.7		DUP
LPX-SD-4503-0020-0021	4272005	4272005	TBE-2007	0.1584		1	73.4		
LPX-SD-4503-0020-0021	5252005	5272005	TBE-2015	0.197		1	73.4		
LPX-SD-4503-0022-0023	5102005	5102005	TBE-2007	0.1675		1	73		
LPX-SD-4503-0022-0023	5252005	5272005	TBE-2015	0.303		1	73		
LPX-SD-4503-0024-0025	5102005	5102005	TBE-2007	0.1592		1	72.2		
LPX-SD-4503-0024-0025	5252005	5272005	TBE-2015	0.256		1	72.2		
LPX-SD-4503-0026-0027	4272005	4272005	TBE-2007	0.1335		1	64.6		
LPX-SD-4503-0026-0027	5252005	5272005	TBE-2015	0.266		1	64.6		
LPX-SD-4503-0028-0029	4252005	4252005	TBE-2007	0.1698		1	67.9		
LPX-SD-4503-0028-0029	5252005	5272005	TBE-2015	0.3		1	67.9		
LPX-SD-4509-0000-0001	4272005	4272005	TBE-2007	0.2034		1	69.2		
LPX-SD-4509-0000-0001	5252005	5272005	TBE-2015	0.34		1	69.2		
LPX-SD-4509-0002-0003	4252005	4252005	TBE-2007	0.1777		1	75.6		
LPX-SD-4509-0002-0003	5252005	5272005	TBE-2015	0.321		1	75.6		
LPX-SD-4509-0004-0005	5192005	5192005	TBE-2007	0.144		1	62.2		
LPX-SD-4509-0004-0005	5252005	5272005	TBE-2015	0.19		1	62.2		
LPX-SD-4509-0006-0007	4262005	4262005	TBE-2007	0.1043		1	49.2		
LPX-SD-4509-0006-0007	5252005	5272005	TBE-2015	0.289		1	49.2		
LPX-SD-4509-0008-0009	4272005	4272005	TBE-2007	0.05336		1	34.1		
LPX-SD-4509-0008-0009	5252005	5272005	TBE-2015	0.311		1	34.1		
LPX-SD-4509-0010-0011	4272005	4272005	TBE-2007	0.04353		1	35.8		
LPX-SD-4509-0010-0011	5252005	5272005	TBE-2015	0.154		1	35.8		
LPX-SD-4509-0012-0013	4272005	4272005	TBE-2007	0.1249		1	68.8		
LPX-SD-4509-0012-0013	5252005	5272005	TBE-2015	0.266		1	68.8		
LPX-SD-4509-0014-0015	5162005	5162005	TBE-2007	0.1942		1	66.4		
LPX-SD-4509-0014-0015	5252005	5272005	TBE-2015	0.221		1	66.4		
WG2907-1	5252005	5262005	TBE-2015	2.62		1	0		MB
WG2907-2	5252005	5262005	TBE-2015			1	0		LCS
WG2936-1	4292005	4292005	TBE-2007	0.09826		1	0		MB
WG2937-1	5132005	5132005	TBE-2007	0.1239		1	0		MB
WG2938-1	5132005	5132005	TBE-2007	0.1001		1	0		MB
WG2939-1	5202005	5202005	TBE-2007	0.1103		1	0		MB

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SDG NARRATIVE – L25496
05/31/05

SAMPLE RECEIPT

The following samples were received April 21, 2005 in good condition unless otherwise noted.

Cross Reference Table

Client ID	Laboratory ID	Station ID(if applicable)
LPX-SD-4509-0016-0017	L25496-1	
LPX-SD-4509-0018-0019	L25496-2	
LPX-SD-4509-0020-0021	L25496-3	
LPX-SD-4509-0022-0023	L25496-4	
LPX-SD-4509-0025-0026	L25496-5	
LPX-SD-4509-0027-0028	L25496-6	
LPX-SD-4509-0029-0030	L25496-7	
LPX-SD-4510-0005-0006	L25496-8	
LPX-SD-4510-0007-0008	L25496-9	
LPX-SD-4510-0009-0010	L25496-10	
LPX-SD-4510-0011-0012	L25496-11	
LPX-SD-4510-0013-0014	L25496-12	
LPX-SD-4510-0015-0016	L25496-13	
LPX-SD-4510-0017-0018	L25496-14	
LPX-SD-4510-0019-0020	L25496-15	
LPX-SD-4510-0021-0022	L25496-16	
LPX-SD-4510-0023-0024	L25496-17	
LPX-SD-4510-0025-0026	L25496-18	
LPX-SD-4510-0027-0028	L25496-19	
LPX-SD-4510-0029-0030	L25496-20	
LPX-SD-4509-022-0023 DUP	L25496-21	
LPX-SD-4510-0027-0028 MS	L25496-22	
LPX-SD-4509-0018-0019 DUP	L25496-23	

US EPA ARCHIVE DOCUMENT

GAMMA SPECTROSCOPY

Samples were analyzed by method TBE-2008 based on EPA method 901.1. No problems were encountered during analysis.

QUALITY CONTROL

Method Blank
All blanks were within acceptance limits

Duplicate Samples
One duplicate was analyzed for every 20 samples. Duplicates consisted of the same sample counted twice. Because of the extended count times, duplicates could not always be counted on the same day as the original sample. All duplicates were within acceptance limits.

PB-210

Samples were analyzed by method TBE-2015. Sample recoveries were low on the original analysis. Reruns were performed. Rerun samples also showed low recovery. The recoveries on the original analysis were higher than the rerun recoveries. Results are reported from the original analysis.

QUALITY CONTROL

Method Blank
All blanks were within acceptance limits

Laboratory Control Sample
The spiking solution was NIST traceable and used before its expiration date. All laboratory control samples were within acceptance limits.

Duplicate Samples
One duplicate was analyzed for every 20 samples. All duplicates were within acceptance limits.

Matrix Spike
One matrix spike was analyzed for every 20 samples. All matrix spike results were within acceptance limits.

CERTIFICATE OF CONFORMANCE
L25495

This certifies that Teledyne Brown Engineering –Environmental Services located at 2508 Quality Lane, Knoxville, Tennessee, 37931, has analyzed, tested and documented samples as specified in the applicable purchase order and Quality Assurance Project Plan.

This also certifies that requirements of applicable codes, standards and specifications have been fully met and that any quality assurance documentation which verified conformance to the purchase order is on file and may be examined upon request.

I hereby certify that the above statements are true and correct and that the following reviewer verified the information presented in this case narrative.

Keith Jeter
Operations Manager

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB ID	REC DATE	EXTR DATE
LPX-SD-4509-0016-0017	RAD	PB-210		14255-04-0	0.993	+	pCi/g Dry		L25496	Teledyne Brown	L25496-1	4212005	5182005
LPX-SD-4509-0016-0017	RAD	CS-137		7440-46-2	0.04829	U	pCi/g Dry		L25496	Teledyne Brown	L25496-1	4212005	4262005
LPX-SD-4509-0018-0019	RAD	PB-210		14255-04-0	0.485	+	pCi/g Dry		L25496	Teledyne Brown	L25496-2	4212005	5182005
LPX-SD-4509-0018-0019	RAD	CS-137		7440-46-2	0.04576	U	pCi/g Dry		L25496	Teledyne Brown	L25496-2	4212005	4262005
LPX-SD-4509-0018-0019 DUP	RAD	PB-210		14255-04-0	0.57	+	pCi/g Dry		L25496	Teledyne Brown	L25496-23	4212005	5182005
LPX-SD-4509-0020-0021	RAD	PB-210		14255-04-0	0.899	+	pCi/g Dry		L25496	Teledyne Brown	L25496-3	4212005	5182005
LPX-SD-4509-0020-0021	RAD	CS-137		7440-46-2	0.005853	U	pCi/g Dry		L25496	Teledyne Brown	L25496-3	4212005	4262005
LPX-SD-4509-0022-0023	RAD	PB-210		14255-04-0	0.822	+	pCi/g Dry		L25496	Teledyne Brown	L25496-4	4212005	5182005
LPX-SD-4509-0022-0023	RAD	CS-137		7440-46-2	-0.06456	U	pCi/g Dry		L25496	Teledyne Brown	L25496-4	4212005	5112005
LPX-SD-4509-0025-0026	RAD	PB-210		14255-04-0	1.01	+	pCi/g Dry		L25496	Teledyne Brown	L25496-5	4212005	5182005
LPX-SD-4509-0025-0026	RAD	CS-137		7440-46-2	-0.06822	U	pCi/g Dry		L25496	Teledyne Brown	L25496-5	4212005	5112005
LPX-SD-4509-0027-0028	RAD	PB-210		14255-04-0	0.863	+	pCi/g Dry		L25496	Teledyne Brown	L25496-6	4212005	5182005
LPX-SD-4509-0027-0028	RAD	CS-137		7440-46-2	0.005895	U	pCi/g Dry		L25496	Teledyne Brown	L25496-6	4212005	4262005
LPX-SD-4509-0029-0030	RAD	PB-210		14255-04-0	0.805	+	pCi/g Dry		L25496	Teledyne Brown	L25496-7	4212005	5182005
LPX-SD-4509-0029-0030	RAD	CS-137		7440-46-2	0.02498	U	pCi/g Dry		L25496	Teledyne Brown	L25496-7	4212005	5172005
LPX-SD-4509-022-0023 DUP	RAD	CS-137		7440-46-2	-0.003721	U	pCi/g Dry		L25496	Teledyne Brown	L25496-21	4212005	4282005
LPX-SD-4510-0005-0006	RAD	PB-210		14255-04-0	5.32	+	pCi/g Dry		L25496	Teledyne Brown	L25496-8	4212005	5182005
LPX-SD-4510-0005-0006	RAD	CS-137		7440-46-2	1.025	+	pCi/g Dry		L25496	Teledyne Brown	L25496-8	4212005	4262005
LPX-SD-4510-0007-0008	RAD	PB-210		14255-04-0	3.56	+	pCi/g Dry		L25496	Teledyne Brown	L25496-9	4212005	5182005
LPX-SD-4510-0007-0008	RAD	CS-137		7440-46-2	1.559	+	pCi/g Dry		L25496	Teledyne Brown	L25496-9	4212005	4252005
LPX-SD-4510-0009-0010	RAD	PB-210		14255-04-0	3.05	+	pCi/g Dry		L25496	Teledyne Brown	L25496-10	4212005	5182005
LPX-SD-4510-0009-0010	RAD	CS-137		7440-46-2	1.477	+	pCi/g Dry		L25496	Teledyne Brown	L25496-10	4212005	4252005
LPX-SD-4510-0011-0012	RAD	PB-210		14255-04-0	2.53	+	pCi/g Dry		L25496	Teledyne Brown	L25496-11	4212005	5182005
LPX-SD-4510-0011-0012	RAD	CS-137		7440-46-2	2.31	+	pCi/g Dry		L25496	Teledyne Brown	L25496-11	4212005	4252005
LPX-SD-4510-0013-0014	RAD	PB-210		14255-04-0	1.4	+	pCi/g Dry		L25496	Teledyne Brown	L25496-12	4212005	5182005
LPX-SD-4510-0013-0014	RAD	CS-137		7440-46-2	0.3712	+	pCi/g Dry		L25496	Teledyne Brown	L25496-12	4212005	4252005
LPX-SD-4510-0015-0016	RAD	PB-210		14255-04-0	1.63	+	pCi/g Dry		L25496	Teledyne Brown	L25496-13	4212005	5182005
LPX-SD-4510-0015-0016	RAD	CS-137		7440-46-2	0.04334	U	pCi/g Dry		L25496	Teledyne Brown	L25496-13	4212005	5112005
LPX-SD-4510-0017-0018	RAD	PB-210		14255-04-0	2.13	+	pCi/g Dry		L25496	Teledyne Brown	L25496-14	4212005	5182005
LPX-SD-4510-0017-0018	RAD	CS-137		7440-46-2	-0.02787	U	pCi/g Dry		L25496	Teledyne Brown	L25496-14	4212005	4262005
LPX-SD-4510-0019-0020	RAD	PB-210		14255-04-0	2.48	+	pCi/g Dry		L25496	Teledyne Brown	L25496-15	4212005	5182005
LPX-SD-4510-0019-0020	RAD	CS-137		7440-46-2	-0.04306	U	pCi/g Dry		L25496	Teledyne Brown	L25496-15	4212005	4262005
LPX-SD-4510-0021-0022	RAD	PB-210		14255-04-0	2.18	+	pCi/g Dry		L25496	Teledyne Brown	L25496-16	4212005	5182005
LPX-SD-4510-0021-0022	RAD	CS-137		7440-46-2	0.008316	U	pCi/g Dry		L25496	Teledyne Brown	L25496-16	4212005	5172005
LPX-SD-4510-0023-0024	RAD	PB-210		14255-04-0	2.27	+	pCi/g Dry		L25496	Teledyne Brown	L25496-17	4212005	5182005
LPX-SD-4510-0023-0024	RAD	CS-137		7440-46-2	0.05088	U	pCi/g Dry		L25496	Teledyne Brown	L25496-17	4212005	5172005
LPX-SD-4510-0025-0026	RAD	PB-210		14255-04-0	2.44	+	pCi/g Dry		L25496	Teledyne Brown	L25496-18	4212005	5182005
LPX-SD-4510-0025-0026	RAD	CS-137		7440-46-2	-0.03769	U	pCi/g Dry		L25496	Teledyne Brown	L25496-18	4212005	5172005
LPX-SD-4510-0027-0028	RAD	PB-210		14255-04-0	1.24	+	pCi/g Dry		L25496	Teledyne Brown	L25496-19	4212005	5182005
LPX-SD-4510-0027-0028	RAD	CS-137		7440-46-2	0.02226	U	pCi/g Dry		L25496	Teledyne Brown	L25496-19	4212005	4262005
LPX-SD-4510-0027-0028 MS	RAD	PB-210		14255-04-0	39.3	+	pCi/g Dry		L25496	Teledyne Brown	L25496-22	4212005	5182005
LPX-SD-4510-0029-0030	RAD	PB-210		14255-04-0	2.41	+	pCi/g Dry		L25496	Teledyne Brown	L25496-20	4212005	5182005
LPX-SD-4510-0029-0030	RAD	CS-137		7440-46-2	0.09345	U	pCi/g Dry		L25496	Teledyne Brown	L25496-20	4212005	4252005
WG2866-1	RAD	PB-210		14255-04-0	0.768	U	pCi/Total		WG2866	Teledyne Brown	WG2866-1		5182005
WG2866-2	RAD	PB-210		14255-04-0	97.477245	+	%		WG2866	Teledyne Brown	WG2866-2		5182005
WG2943-1	RAD	CS-137		7440-46-2	-0.03444	U	pCi/g Dry		WG2943	Teledyne Brown	WG2943-1		4292005
WG2944-1	RAD	CS-137		7440-46-2	0.04121	U	pCi/g Dry		WG2944	Teledyne Brown	WG2944-1		5132005
WG2945-1	RAD	CS-137		7440-46-2	0.07083	U	pCi/g Dry		WG2945	Teledyne Brown	WG2945-1		5132005

Filename: Radiometric_Sediment_L25496.xls

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LPX-SD-4509-0016-0017	5192005	TBE-2015	0.0765			1	68.9			
LPX-SD-4509-0016-0017	4262005	TBE-2007	0.07497			1	68.9			
LPX-SD-4509-0018-0019	5192005	TBE-2015	0.0808			1	36.6			
LPX-SD-4509-0018-0019	4262005	TBE-2007	0.0777			1	36.6			
LPX-SD-4509-0018-0019 DUP	5192005	TBE-2015	0.0421			1	0			DUP
LPX-SD-4509-0020-0021	5192005	TBE-2015	0.0828			1	69.9			
LPX-SD-4509-0020-0021	4262005	TBE-2007	0.1563			1	69.9			
LPX-SD-4509-0022-0023	5192005	TBE-2015	0.0891			1	79.5			
LPX-SD-4509-0022-0023	5112005	TBE-2007	0.172			1	79.5			
LPX-SD-4509-0025-0026	5192005	TBE-2015	0.0868			1	76.9			
LPX-SD-4509-0025-0026	5112005	TBE-2007	0.158			1	76.9			
LPX-SD-4509-0027-0028	5192005	TBE-2015	0.0794			1	48.2			
LPX-SD-4509-0027-0028	4262005	TBE-2007	0.1639			1	48.2			
LPX-SD-4509-0029-0030	5192005	TBE-2015	0.127			1	54.5			
LPX-SD-4509-0029-0030	5172005	TBE-2007	0.1713			1	54.5			
LPX-SD-4509-022-0023 DUP	4282005	TBE-2007	0.07389			1	79.5			DUP
LPX-SD-4510-0005-0006	5192005	TBE-2015	0.336			1	77.6			
LPX-SD-4510-0005-0006	4262005	TBE-2007	0.2058			1	77.6			
LPX-SD-4510-0007-0008	5192005	TBE-2015	0.176			1	73.4			
LPX-SD-4510-0007-0008	4252005	TBE-2007	0.2291			1	73.4			
LPX-SD-4510-0009-0010	5192005	TBE-2015	0.111			1	68.4			
LPX-SD-4510-0009-0010	4252005	TBE-2007	0.2042			1	68.4			
LPX-SD-4510-0011-0012	5192005	TBE-2015	0.0973			1	74.1			
LPX-SD-4510-0011-0012	4252005	TBE-2007	0.2515			1	74.1			
LPX-SD-4510-0013-0014	5192005	TBE-2015	0.124			1	66.8			
LPX-SD-4510-0013-0014	4252005	TBE-2007	0.1167			1	66.8			
LPX-SD-4510-0015-0016	5192005	TBE-2015	0.103			1	73.5			
LPX-SD-4510-0015-0016	5112005	TBE-2007	0.1531			1	73.5			
LPX-SD-4510-0017-0018	5192005	TBE-2015	0.141			1	79.4			
LPX-SD-4510-0017-0018	4262005	TBE-2007	0.1355			1	79.4			
LPX-SD-4510-0019-0020	5192005	TBE-2015	0.0975			1	76.7			
LPX-SD-4510-0019-0020	4262005	TBE-2007	0.1863			1	76.7			
LPX-SD-4510-0021-0022	5192005	TBE-2015	0.146			1	79.5			
LPX-SD-4510-0021-0022	5172005	TBE-2007	0.1985			1	79.5			
LPX-SD-4510-0023-0024	5192005	TBE-2015	0.177			1	80.1			
LPX-SD-4510-0023-0024	5172005	TBE-2007	0.1897			1	80.1			
LPX-SD-4510-0025-0026	5192005	TBE-2015	0.201			1	78.3			
LPX-SD-4510-0025-0026	5172005	TBE-2007	0.1503			1	78.3			
LPX-SD-4510-0027-0028	5192005	TBE-2015	0.0562			1	70.6			
LPX-SD-4510-0027-0028	4262005	TBE-2007	0.1098			1	70.6			
LPX-SD-4510-0027-0028 MS	5192005	TBE-2015	0.0436			1	77.6			MS
LPX-SD-4510-0029-0030	5192005	TBE-2015	0.144			1	74.4			
LPX-SD-4510-0029-0030	4252005	TBE-2007	0.1118			1	74.4			
WG2866-1	5232005	TBE-2015	2.43			1	0			MB
WG2866-2	5192005	TBE-2015				1	0			LCS
WG2943-1	4292005	TBE-2007	0.1028			1	0			MB
WG2944-1	5132005	TBE-2007	0.06511			1	0			MB
WG2945-1	5132005	TBE-2007	0.1087			1	0			MB

Section 6
Geotechnical Results

GEOTECHNICAL SEDIMENT QA/QC Summary

PROJECT: USACE NED Delivery Order #01 Centredale

PARAMETER: Geotechnical

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

MATRIX: Sediment

SAMPLE CUSTODY: Sediment core samples were collected on March 30 and 31, 2005. Cores were transported to U.S. EPA in Narragansett, RI and stored refrigerated (upright) until processing. Core processing was conducted on April 4 and 5, 2005. Sub-samples were collected from various depth intervals according to the project QAPP (Battelle, 2005). Sub-samples were stored refrigerated during processing and were transported on ice to Battelle Duxbury on April 5, 2005. All geotechnical samples were stored cold until USACE selected which samples would receive testing. Sample selection was based on a review of the preliminary dioxin data for sediments collected from the same cores.

Sediment samples were shipped to AMS on August 29, 2005 for geotechnical testing. All samples were received at AMS in good condition.

QA/QC MEASUREMENT PERFORMANCE CRITERIA (MPC):

	Reference Method	Instrument Blank	Laboratory Duplicate	SRM % Diff.	Achieved Detection Limit
Water Content	L-47 (ASTM 2216)	N/A	N/A	N/A	1 %
Specific Gravity	ASTM D854	N/A	N/A	N/A	0.01
Atterberg Limits	L-117 (ASTM D4318)	N/A	N/A	N/A	1
Grain Size	L-46 (ASTM D422)	N/A	N/A	N/A	0.01%

[a] With signal to noise >10:1

METHOD: Sediment samples were prepared and analyzed for geotechnical parameters following Battelle (2005), except:

- selected samples were also analyzed for specific gravity at the request of USACE. Samples were analyzed according to ASTM D854
- Laboratory duplicates were not prepared at the direction of USACE

HOLDING TIMES: Samples were analyzed approximately 6-mo after collection.

DETECTION LIMITS: Achieved laboratory detection limits met reporting limit requirements.

REFERENCES: Battelle 2005. *Centredale Manor Tasks 19–22 Quality Assurance Project Plan – Addendum 3*. Tasks 19-22 QAPP Addendum 3 prepared under contract to USACE NAE. March 10, 2005. 182 pg plus appendices.

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE	METHOD
LPX-SD-4501-0000-0019	GS	Clay	LPX-SD-4501-0000-0019		37.64		Percent			AMS	22752	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4505-0000-0039	GS	Clay	LPX-SD-4505-0000-0039		38.52		Percent			AMS	22757	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4506-0000-0043	GS	Clay	LPX-SD-4506-0000-0043		26.53		Percent			AMS	22758	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4507-0000-0035	GS	Clay	LPX-SD-4507-0000-0035		36.42		Percent			AMS	22759	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4509-0010-0018	GS	Clay	LPX-SD-4509-0010-0018		16.91		Percent			AMS	22762	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4510-0000-0033	GS	Clay	LPX-SD-4510-0000-0033		33.36		Percent			AMS	22763	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4501-0000-0019	GS	Coarse Sand	LPX-SD-4501-0000-0019		0.00		Percent			AMS	22752	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4505-0000-0039	GS	Coarse Sand	LPX-SD-4505-0000-0039		0.00		Percent			AMS	22757	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4506-0000-0043	GS	Coarse Sand	LPX-SD-4506-0000-0043		0.16		Percent			AMS	22758	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4507-0000-0035	GS	Coarse Sand	LPX-SD-4507-0000-0035		0.01		Percent			AMS	22759	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4509-0010-0018	GS	Coarse Sand	LPX-SD-4509-0010-0018		0.06		Percent			AMS	22762	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4510-0000-0033	GS	Coarse Sand	LPX-SD-4510-0000-0033		0.22		Percent			AMS	22763	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4501-0000-0019	GS	Fine Sand	LPX-SD-4501-0000-0019		7.87		Percent			AMS	22752	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4505-0000-0039	GS	Fine Sand	LPX-SD-4505-0000-0039		3.61		Percent			AMS	22757	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4506-0000-0043	GS	Fine Sand	LPX-SD-4506-0000-0043		13.02		Percent			AMS	22758	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4507-0000-0035	GS	Fine Sand	LPX-SD-4507-0000-0035		3.56		Percent			AMS	22759	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4509-0010-0018	GS	Fine Sand	LPX-SD-4509-0010-0018		11.22		Percent			AMS	22762	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4510-0000-0033	GS	Fine Sand	LPX-SD-4510-0000-0033		12.90		Percent			AMS	22763	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4501-0000-0019	GS	Gravel	LPX-SD-4501-0000-0019		0.00		Percent			AMS	22752	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4505-0000-0039	GS	Gravel	LPX-SD-4505-0000-0039		0.00		Percent			AMS	22757	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4506-0000-0043	GS	Gravel	LPX-SD-4506-0000-0043		0.00		Percent			AMS	22758	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4507-0000-0035	GS	Gravel	LPX-SD-4507-0000-0035		0.00		Percent			AMS	22759	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4509-0010-0018	GS	Gravel	LPX-SD-4509-0010-0018		0.00		Percent			AMS	22762	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4510-0000-0033	GS	Gravel	LPX-SD-4510-0000-0033		0.00		Percent			AMS	22763	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4501-0000-0019	GEOTECH	Liquid Limit	LPX-SD-4501-0000-0019		147					AMS	22752	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4505-0000-0039	GEOTECH	Liquid Limit	LPX-SD-4505-0000-0039		149					AMS	22757	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4506-0000-0043	GEOTECH	Liquid Limit	LPX-SD-4506-0000-0043		108					AMS	22758	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4507-0000-0035	GEOTECH	Liquid Limit	LPX-SD-4507-0000-0035		160					AMS	22759	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4509-0010-0018	GEOTECH	Liquid Limit	LPX-SD-4509-0010-0018		NP					AMS	22762	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4510-0000-0033	GEOTECH	Liquid Limit	LPX-SD-4510-0000-0033		137					AMS	22763	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4501-0000-0019	GS	Medium Sand	LPX-SD-4501-0000-0019		0.79		Percent			AMS	22752	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4505-0000-0039	GS	Medium Sand	LPX-SD-4505-0000-0039		0.51		Percent			AMS	22757	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4506-0000-0043	GS	Medium Sand	LPX-SD-4506-0000-0043		1.09		Percent			AMS	22758	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4507-0000-0035	GS	Medium Sand	LPX-SD-4507-0000-0035		0.66		Percent			AMS	22759	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4509-0010-0018	GS	Medium Sand	LPX-SD-4509-0010-0018		0.23		Percent			AMS	22762	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4510-0000-0033	GS	Medium Sand	LPX-SD-4510-0000-0033		0.28		Percent			AMS	22763	30-Aug-05		15-Sep-05	ASTM D422

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LPX-SD-4501-0000-0019	0.01			1		Third party validation not required		N
LPX-SD-4505-0000-0039	0.01			1		Third party validation not required		N
LPX-SD-4506-0000-0043	0.01			1		Third party validation not required		N
LPX-SD-4507-0000-0035	0.01			1		Third party validation not required		N
LPX-SD-4509-0010-0018	0.01			1		Third party validation not required		N
LPX-SD-4510-0000-0033	0.01			1		Third party validation not required		N
LPX-SD-4501-0000-0019	0.01			1		Third party validation not required		N
LPX-SD-4505-0000-0039	0.01			1		Third party validation not required		N
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LPX-SD-4507-0000-0035	0.01			1		Third party validation not required		N
LPX-SD-4509-0010-0018	0.01			1		Third party validation not required		N
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LPX-SD-4507-0000-0035	0.01			1		Third party validation not required		N
LPX-SD-4509-0010-0018	0.01			1		Third party validation not required		N
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LPX-SD-4507-0000-0035	0.01			1		Third party validation not required		N
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LPX-SD-4506-0000-0043	1			1		Third party validation not required		N
LPX-SD-4507-0000-0035	1			1		Third party validation not required		N
LPX-SD-4509-0010-0018	1			1		Third party validation not required		N
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LPX-SD-4507-0000-0035	0.01			1		Third party validation not required		N
LPX-SD-4509-0010-0018	0.01			1		Third party validation not required		N
LPX-SD-4510-0000-0033	0.01			1		Third party validation not required		N

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NSAMPLE	CLASS	PARAMETER	ERASAMPNO						LAB	REC_DATE	EXTR_DATE	ANAL_DATE	METHOD
LPX-SD-4501-0000-0019	GEOTECH	Plastic Limit	LPX-SD-4501-0000-0019		69				AMS	22752	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4505-0000-0039	GEOTECH	Plastic Limit	LPX-SD-4505-0000-0039		74				AMS	22757	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4506-0000-0043	GEOTECH	Plastic Limit	LPX-SD-4506-0000-0043		58				AMS	22758	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4507-0000-0035	GEOTECH	Plastic Limit	LPX-SD-4507-0000-0035		75				AMS	22759	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4509-0010-0018	GEOTECH	Plastic Limit	LPX-SD-4509-0010-0018		NP				AMS	22762	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4510-0000-0033	GEOTECH	Plastic Limit	LPX-SD-4510-0000-0033		66				AMS	22763	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4501-0000-0019	GEOTECH	Plasticity Index	LPX-SD-4501-0000-0019		78				AMS	22752	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4505-0000-0039	GEOTECH	Plasticity Index	LPX-SD-4505-0000-0039		75				AMS	22757	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4506-0000-0043	GEOTECH	Plasticity Index	LPX-SD-4506-0000-0043		50				AMS	22758	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4507-0000-0035	GEOTECH	Plasticity Index	LPX-SD-4507-0000-0035		85				AMS	22759	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4509-0010-0018	GEOTECH	Plasticity Index	LPX-SD-4509-0010-0018		NP				AMS	22762	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4510-0000-0033	GEOTECH	Plasticity Index	LPX-SD-4510-0000-0033		71				AMS	22763	30-Aug-05		27-Sep-05	ASTM D4318
LPX-SD-4501-0000-0019	GS	Silt	LPX-SD-4501-0000-0019		53.70		Percent		AMS	22752	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4505-0000-0039	GS	Silt	LPX-SD-4505-0000-0039		57.36		Percent		AMS	22757	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4506-0000-0043	GS	Silt	LPX-SD-4506-0000-0043		59.29		Percent		AMS	22758	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4507-0000-0035	GS	Silt	LPX-SD-4507-0000-0035		59.35		Percent		AMS	22759	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4509-0010-0018	GS	Silt	LPX-SD-4509-0010-0018		71.59		Percent		AMS	22762	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4510-0000-0033	GS	Silt	LPX-SD-4510-0000-0033		53.24		Percent		AMS	22763	30-Aug-05		15-Sep-05	ASTM D422
LPX-SD-4501-0000-0019	GEOTECH	Solids	LPX-SD-4501-0000-0019		24.0		Percent		AMS	22752	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4501-0019-0023	GEOTECH	Solids	LPX-SD-4501-0019-0023		47.0		Percent		AMS	22753	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4502-0005-0029	GEOTECH	Solids	LPX-SD-4502-0005-0029		23.0		Percent		AMS	22754	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4503-0000-0033	GEOTECH	Solids	LPX-SD-4503-0000-0033		26.0		Percent		AMS	22755	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4504-0000-0030	GEOTECH	Solids	LPX-SD-4504-0000-0030		30.0		Percent		AMS	22756	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4505-0000-0039	GEOTECH	Solids	LPX-SD-4505-0000-0039		26.0		Percent		AMS	22757	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4506-0000-0043	GEOTECH	Solids	LPX-SD-4506-0000-0043		36.0		Percent		AMS	22758	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4507-0000-0035	GEOTECH	Solids	LPX-SD-4507-0000-0035		26.0		Percent		AMS	22759	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4508-0000-0015	GEOTECH	Solids	LPX-SD-4508-0000-0015		30.0		Percent		AMS	22760	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4509-0000-0010	GEOTECH	Solids	LPX-SD-4509-0000-0010		37.0		Percent		AMS	22761	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4509-0010-0018	GEOTECH	Solids	LPX-SD-4509-0010-0018		62.0		Percent		AMS	22762	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4510-0000-0033	GEOTECH	Solids	LPX-SD-4510-0000-0033		25.0		Percent		AMS	22763	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4501-0000-0019	GEOTECH	Specific Gravity	LPX-SD-4501-0000-0019		2.16				AMS	22752	30-Aug-05		30-Sep-05	ASTM D854
LPX-SD-4503-0000-0033	GEOTECH	Specific Gravity	LPX-SD-4503-0000-0033		2.05				AMS	22755	30-Aug-05		30-Sep-05	ASTM D854
LPX-SD-4505-0000-0039	GEOTECH	Specific Gravity	LPX-SD-4505-0000-0039		2.14				AMS	22757	30-Aug-05		30-Sep-05	ASTM D854
LPX-SD-4509-0000-0010	GEOTECH	Specific Gravity	LPX-SD-4509-0000-0010		2.27				AMS	22761	30-Aug-05		30-Sep-05	ASTM D854
LPX-SD-4509-0010-0018	GEOTECH	Specific Gravity	LPX-SD-4509-0010-0018		2.59				AMS	22762	30-Aug-05		30-Sep-05	ASTM D854
LPX-SD-4510-0000-0033	GEOTECH	Specific Gravity	LPX-SD-4510-0000-0033		2.60				AMS	22763	30-Aug-05		30-Sep-05	ASTM D854
LPX-SD-4501-0000-0019	GEOTECH	Water Content	LPX-SD-4501-0000-0019		318		Percent		AMS	22752	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4505-0000-0039	GEOTECH	Water Content	LPX-SD-4505-0000-0039		280		Percent		AMS	22757	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4506-0000-0043	GEOTECH	Water Content	LPX-SD-4506-0000-0043		181		Percent		AMS	22758	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4507-0000-0035	GEOTECH	Water Content	LPX-SD-4507-0000-0035		290		Percent		AMS	22759	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4509-0010-0018	GEOTECH	Water Content	LPX-SD-4509-0010-0018		62		Percent		AMS	22762	30-Aug-05		14-Sep-05	ASTM D2216
LPX-SD-4510-0000-0033	GEOTECH	Water Content	LPX-SD-4510-0000-0033		295		Percent		AMS	22763	30-Aug-05		14-Sep-05	ASTM D2216

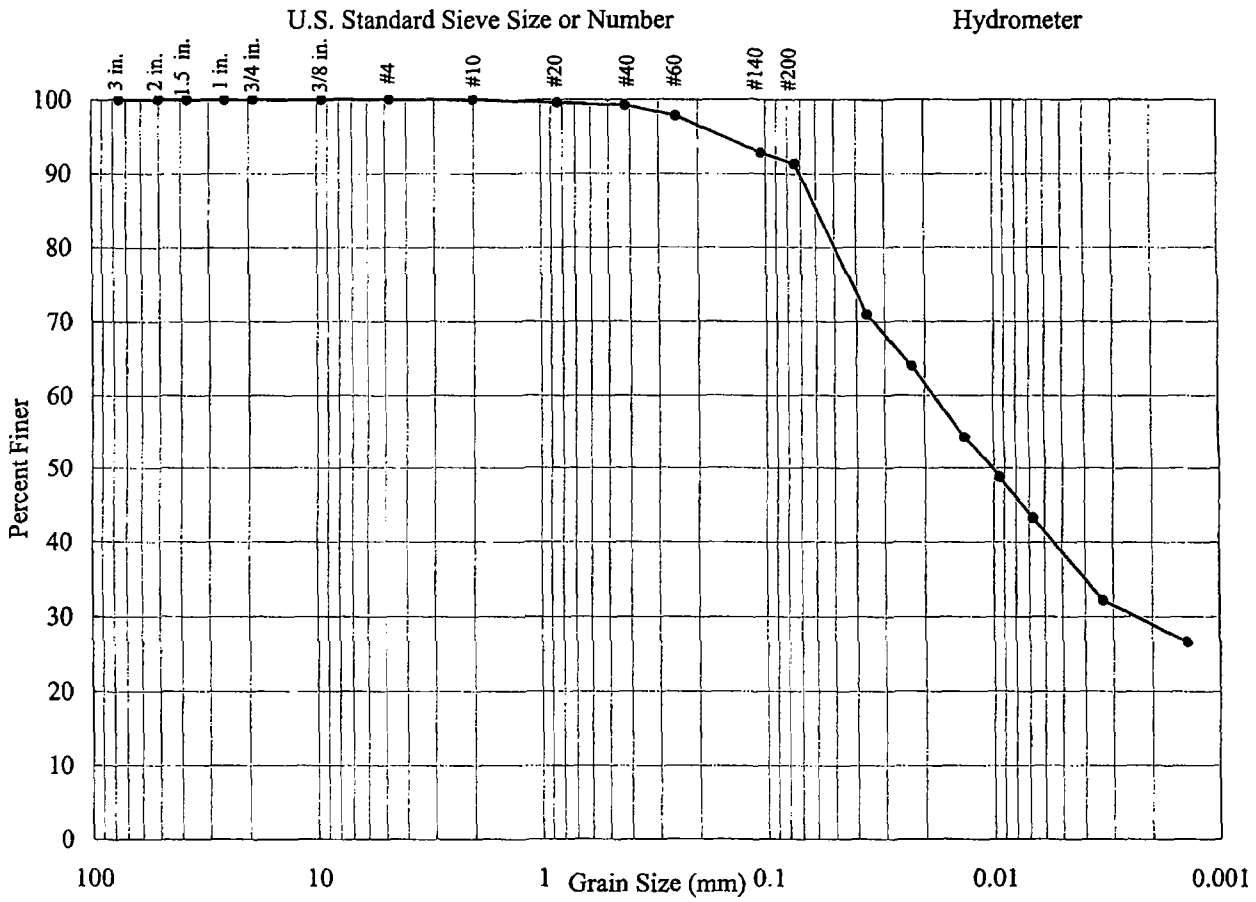
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LPX-SD-4506-0000-0043	1			1		Third party validation not required		N
LPX-SD-4507-0000-0035	1			1		Third party validation not required		N
LPX-SD-4509-0010-0018	1			1		Third party validation not required		N
LPX-SD-4510-0000-0033	1			1		Third party validation not required		N
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LPX-SD-4505-0000-0039	1			1		Third party validation not required		N
LPX-SD-4506-0000-0043	1			1		Third party validation not required		N
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LPX-SD-4509-0000-0010	0.01			1		Third party validation not required		N
LPX-SD-4509-0010-0018	0.01			1		Third party validation not required		N
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LPX-SD-4503-0000-0033	0.01			1		Third party validation not required		N
LPX-SD-4505-0000-0039	0.01			1		Third party validation not required		N
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LPX-SD-4501-0000-0019	1			1		Third party validation not required		N
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LPX-SD-4509-0010-0018	1			1		Third party validation not required		N
LPX-SD-4510-0000-0033	1			1		Third party validation not required		N

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ASTM D422 (Particle-Size Analysis of Soils)

% Cobble	% Gravel	% Sand			% Fines	
		Coarse	Medium	Fine	Silt	Clay
>3"	<3" - #4	#10	#20-#40	#60-#200	0.074-0.005 mm	<0.005 mm
0.00	0.00	0.00	0.79	7.87	53.70	37.64

Water Cont. (%)	Tot. Solids (%)	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
318	24	147	78								

Material Description	USCS
Elastic Silt, Black (2.5Y 2.5/1), with organic matter	MH

Project Description	
Centredale Manor	Client P/N: G189646
	AMS P/N: 2005-03-16
	Client ID: LPX-SD-4501-0000-0019
	AMS ID: 22752
AMS, Inc. Project Manager: KSD	Date Analyzed: 9/15/2005

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4501-0000-0019
AMS Sample ID: 22752

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	147	-		1	ASTM D4318	Sediment	9/27/2005
Plastic Limit	69	-		1	ASTM D4318	Sediment	9/27/2005
Plasticity Index	78	-		1	ASTM D4318	Sediment	9/27/2005
Water Content	318	%		1	ASTM D2216	Sediment	9/14/2005
Total Solids	24	%		1	ASTM D2216	Sediment	9/14/2005
Specific Gravity	2.16	-		-	ASTM D854	Sediment	9/30/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

KST

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4501-0019-0023
AMS Sample ID: 22753

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Total Solids	47	%		1	ASTM D2216	Sediment	9/14/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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Applied Marine Sciences, Inc.

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4502-0005-0029
AMS Sample ID: 22754

AMS Project Number: 2005-03-16
Date Sampled: 3/31/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Total Solids	23	%		1	ASTM D2216	Sediment	9/14/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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Applied Marine Sciences, Inc.

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4503-0000-0033
AMS Sample ID: 22755

AMS Project Number: 2005-03-16
Date Sampled: 3/31/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Total Solids	26	%		1	ASTM D2216	Sediment	9/14/2005
Specific Gravity	2.05	-		-	ASTM D854	Sediment	9/30/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4504-0000-0030
AMS Sample ID: 22756

AMS Project Number: 2005-03-16
Date Sampled: 3/31/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Total Solids	30	%		1	ASTM D2216	Sediment	9/14/2005

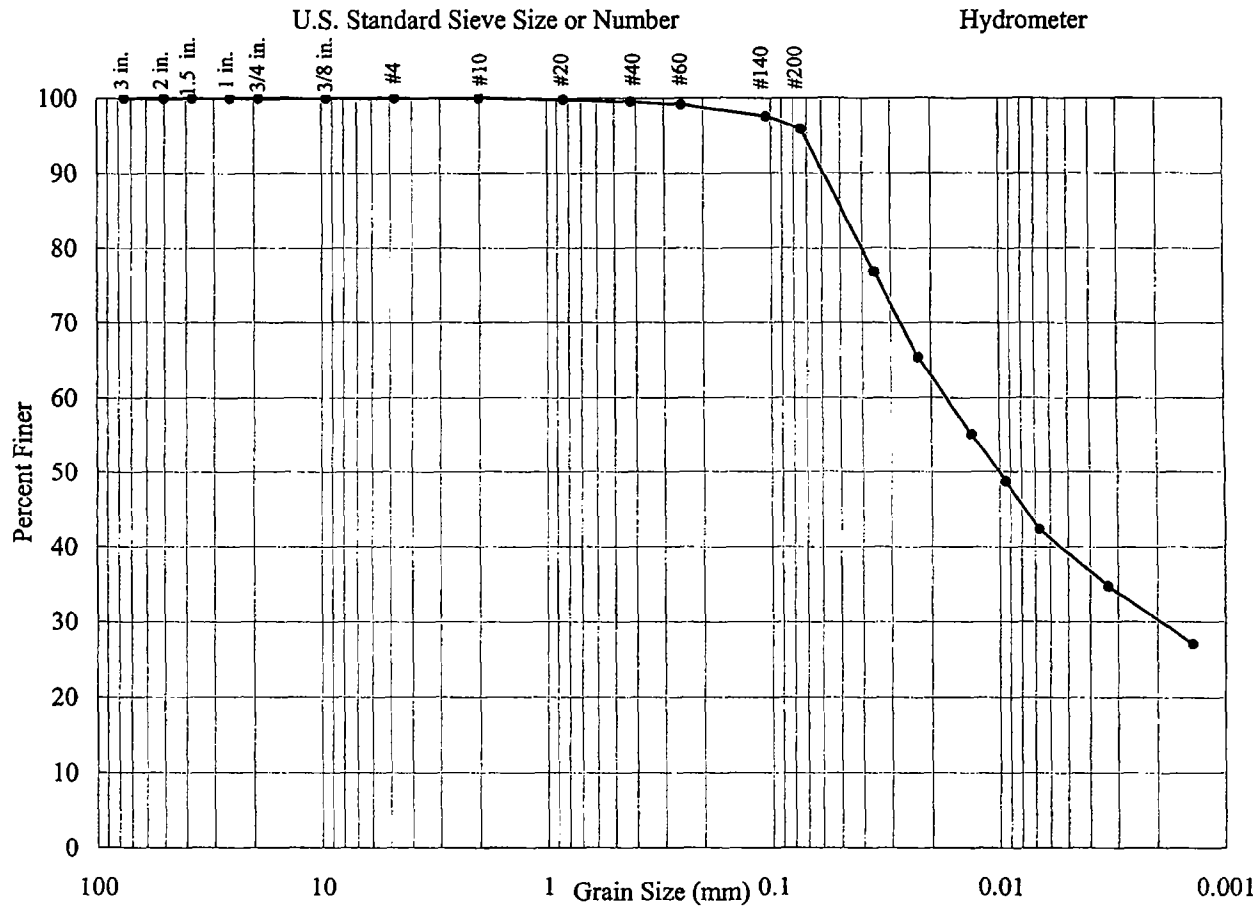
Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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ASTM D422 (Particle-Size Analysis of Soils)

% Cobble	% Gravel	% Sand			% Fines	
		Coarse	Medium	Fine	Silt	Clay
>3"	<3" - #4	#10	#20-#40	#60-#200	0.074-0.005 mm	<0.005 mm
0.00	0.00	0.00	0.51	3.61	57.36	38.52

Water Cont. (%)	Tot. Solids (%)	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
280	26	149	75								

Material Description	USCS
Elastic Silt, Black (2.5Y 2.5/1), with organic matter	MH

Project Description	
Centredale Manor	Client P/N: G189646
	AMS P/N: 2005-03-16
	Client ID: LPX-SD-4505-0000-0039
	AMS ID: 22757
AMS, Inc. Project Manager: KSK	Date Analyzed: 9/15/2005

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4505-0000-0039
AMS Sample ID: 22757

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	149	-		1	ASTM D4318	Sediment	9/27/2005
Plastic Limit	74	-		1	ASTM D4318	Sediment	9/27/2005
Plasticity Index	75	-		1	ASTM D4318	Sediment	9/27/2005
Water Content	280	%		1	ASTM D2216	Sediment	9/14/2005
Total Solids	26	%		1	ASTM D2216	Sediment	9/14/2005
Specific Gravity	2.14	-		-	ASTM D854	Sediment	9/30/2005

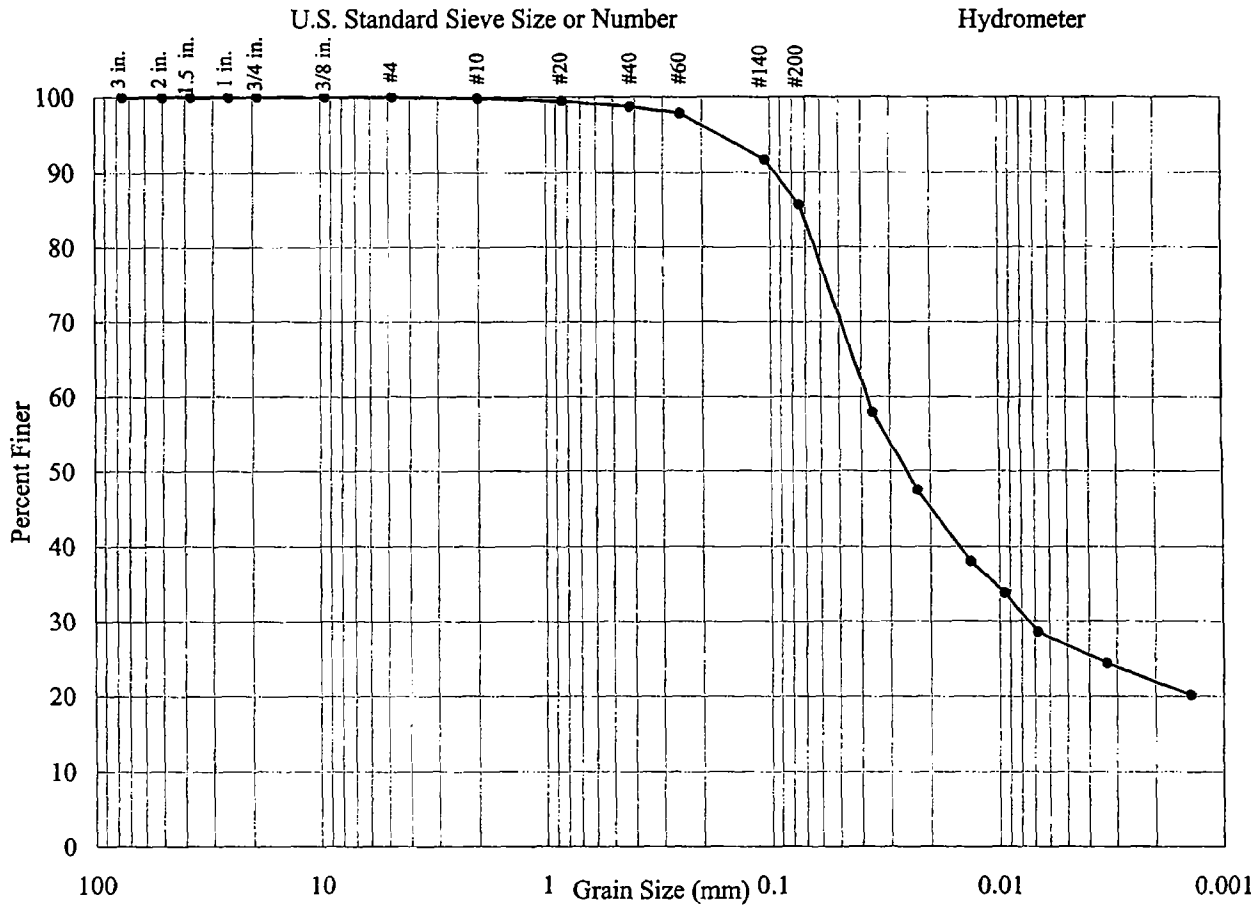
Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

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ASTM D422 (Particle-Size Analysis of Soils)

% Cobble	% Gravel	% Sand			% Fines	
		Coarse	Medium	Fine	Silt	Clay
>3"	<3" - #4	#10	#20-#40	#60-#200	0.074-0.005 mm	<0.005 mm
0.00	0.00	0.16	1.09	13.02	59.29	26.43

Water Cont. (%)	Tot. Solids (%)	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
181	36	108	50								

Material Description	USCS
Elastic Silt, Black (2.5Y 2.5/1), with organic matter	MH

Project Description	
Centredale Manor	Client P/N: G189646
	AMS P/N: 2005-03-16
	Client ID: LPX-SD-4506-0000-0043
	AMS ID: 22758
AMS, Inc. Project Manager:	Date Analyzed: 9/15/2005

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4506-0000-0043
AMS Sample ID: 22758

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	108	-		1	ASTM D4318	Sediment	9/27/2005
Plastic Limit	58	-		1	ASTM D4318	Sediment	9/27/2005
Plasticity Index	50	-		1	ASTM D4318	Sediment	9/27/2005
Water Content	181	%		1	ASTM D2216	Sediment	9/14/2005
Total Solids	36	%		1	ASTM D2216	Sediment	9/14/2005

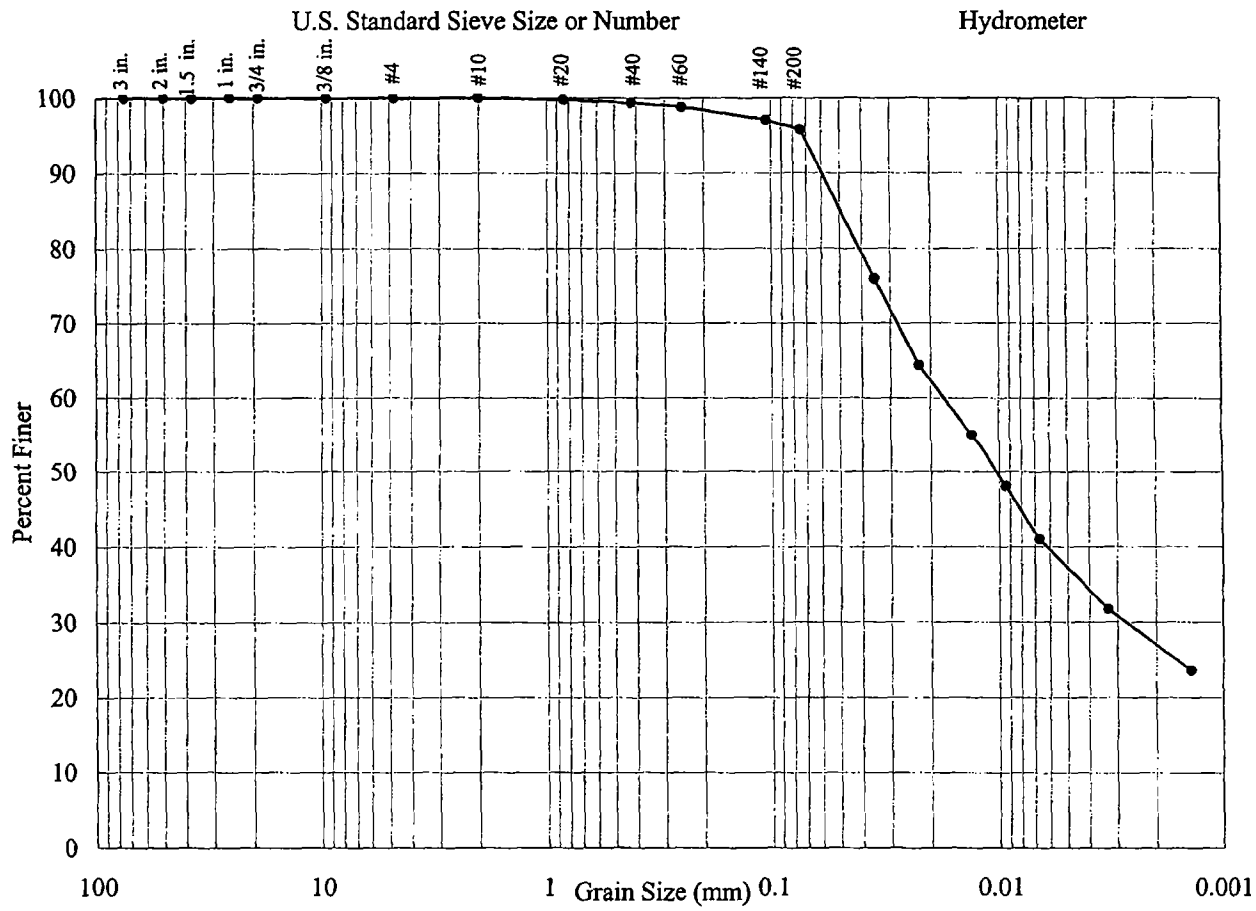
Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

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ASTM D422 (Particle-Size Analysis of Soils)

% Cobble	% Gravel	% Sand			% Fines	
		Coarse	Medium	Fine	Silt	Clay
>3"	<3" - #4	#10	#20-#40	#60-#200	0.074-0.005 mm	<0.005 mm
0.00	0.00	0.01	0.66	3.56	59.35	36.42

Water Cont. (%)	Tot. Solids (%)	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
290	26	160	85								

Material Description	USCS
Elastic Silt, Black (2.5Y 2.5/1), with organic matter	MH

Project Description	
Centredale Manor	Client P/N: G189646
	AMS P/N: 2005-03-16
	Client ID: LPX-SD-4507-0000-0035
	AMS ID: 22759
AMS, Inc. Project Manager:	Date Analyzed: 9/15/2005

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4507-0000-0035
AMS Sample ID: 22759

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	160	-		1	ASTM D4318	Sediment	9/27/2005
Plastic Limit	75	-		1	ASTM D4318	Sediment	9/27/2005
Plasticity Index	85	-		1	ASTM D4318	Sediment	9/27/2005
Water Content	290	%		1	ASTM D2216	Sediment	9/14/2005
Total Solids	26	%		1	ASTM D2216	Sediment	9/14/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4508-0000-0015
AMS Sample ID: 22760

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Total Solids	30	%		1	ASTM D2216	Sediment	9/14/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

US EPA ARCHIVE DOCUMENT

Applied Marine Sciences, Inc.

502 N. Highway 3, Suite B • League City, TX 77573 • (281) 554-7272 • Fax (281) 554-6356

Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4509-0000-0010
AMS Sample ID: 22761

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Total Solids	37	%		1	ASTM D2216	Sediment	9/14/2005
Specific Gravity	2.27	-		-	ASTM D854	Sediment	9/30/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

US EPA ARCHIVE DOCUMENT

Applied Marine Sciences, Inc.

502 N. Highway 3, Suite B • League City, TX 77573 • (281) 554-7272 • Fax (281) 554-6356

Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4509-0010-0018
AMS Sample ID: 22762

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	NP	-		1	ASTM D4318	Sediment	9/27/2005
Plastic Limit	-	-		1	ASTM D4318	Sediment	9/27/2005
Plasticity Index	-	-		1	ASTM D4318	Sediment	9/27/2005
Water Content	62	%		1	ASTM D2216	Sediment	9/14/2005
Total Solids	62	%		1	ASTM D2216	Sediment	9/14/2005
Specific Gravity	2.59	-		-	ASTM D854	Sediment	9/30/2005

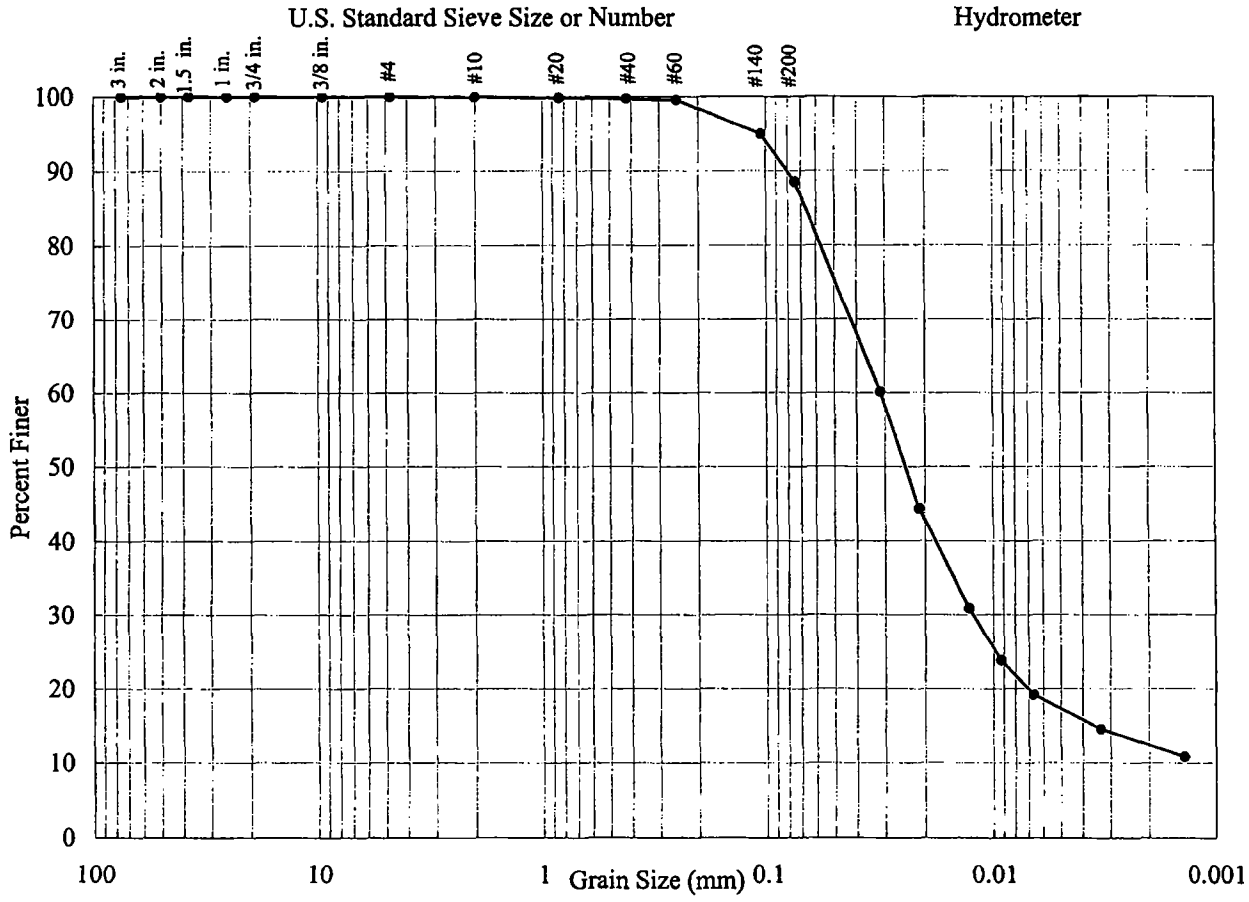
Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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Applied Marine Sciences, Inc.

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ASTM D422 (Particle-Size Analysis of Soils)

% Cobble	% Gravel	% Sand			% Fines	
		Coarse	Medium	Fine	Silt	Clay
>3"	<3" - #4	#10	#20-#40	#60-#200	0.074-0.005 mm	<0.005 mm
0.00	0.00	0.06	0.23	11.22	71.59	16.91

Water Cont. (%)	Tot. Solids (%)	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
62	62	NP									

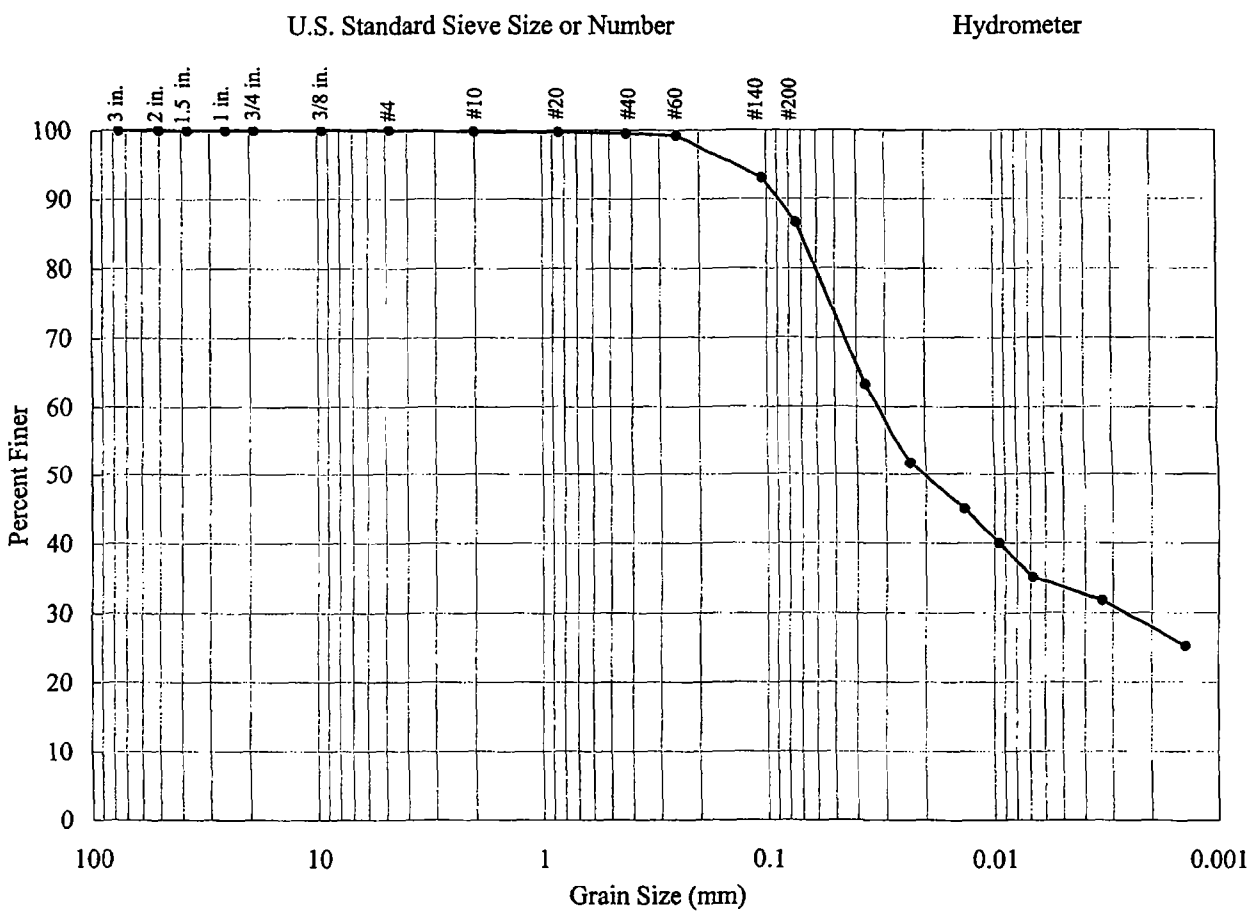
Material Description	USCS
Silt, Black (2.5Y 2.5/1)	ML

Project Description	
Centredale Manor	Client P/N: G189646
	AMS P/N: 2005-03-16
	Client ID: LPX-SD-4509-0010-0018
	AMS ID: 22762
AMS, Inc. Project Manager:	Date Analyzed: 9/15/2005

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Applied Marine Sciences, Inc.

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ASTM D422 (Particle-Size Analysis of Soils)

% Cobble	% Gravel	% Sand			% Fines	
		Coarse	Medium	Fine	Silt	Clay
>3"	<3" - #4	#10	#20-#40	#60-#200	0.074-0.005 mm	<0.005 mm
0.00	0.00	0.22	0.28	12.90	53.24	33.36

Water Cont. (%)	Tot. Solids (%)	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
295	25	137	71								

Material Description	USCS
Elastic Silt, Black (2.5Y 2.5/1)	MH

Project Description	
Centredale Manor	Client P/N: G189646
	AMS P/N: 2005-03-16
	Client ID: LPX-SD-4510-0000-0033
	AMS ID: 22763
AMS, Inc. Project Manager: KSD	Date Analyzed: 9/15/2005

Applied Marine Sciences, Inc.

502 N. Highway 3, Suite B • League City, TX 77573 • (281) 554-7272 • Fax (281) 554-6356

Client: Battelle
Project Title: Centredale
Project Number: G189646
Client Sample ID: LPX-SD-4510-0000-0033
AMS Sample ID: 22763

AMS Project Number: 2005-03-16
Date Sampled: 3/30/2005
Date Received: 8/30/2005

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	137	-		1	ASTM D4318	Sediment	9/27/2005
Plastic Limit	66	-		1	ASTM D4318	Sediment	9/27/2005
Plasticity Index	71	-		1	ASTM D4318	Sediment	9/27/2005
Water Content	295	%		1	ASTM D2216	Sediment	9/14/2005
Total Solids	25	%		1	ASTM D2216	Sediment	9/14/2005
Specific Gravity	2.60	-		-	ASTM D854	Sediment	9/30/2005

Quality Assurance: These analyses were performed in accordance with ASTM & EPA guidelines for quality assurance.

AMS, Inc. Project Manager

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Section 7
Third Party Validation Reports

Steve Stodola
US EPA Approval Signature

2/24/05
Date
February 23, 2005

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. 024, Task No. 2, TDF No. 1671
Case No. Centredale Surface Waters, SDG No. 49715-80 D/F
Battelle - Columbus, Ohio
Centredale Manor Site - North Providence, RI

Dioxin/Furan: 9/SW/ LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03

Dear Ms. Clark:

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

	●	Overall Evaluation of Data and Potential Usability Issues
	●	Data Completeness (Tier I)
*	●	Preservation and Technical Holding Times
NP	●	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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*	•	Matrix Spike/Matrix Spike Duplicate
*	•	Laboratory Control Sample/Laboratory Control Sample Duplicate
NP	•	Field Duplicates
*	•	Internal/Surrogate/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.
NP - Not Provided

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 the Remedial Investigation (RI)/Feasibility Study (FS).

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

Data validation indicated minor data quality problems which do not significantly impact most of the data. See the following discussion for details.

Data Completeness (Tier I)

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

1. The laboratory was asked to provide justification why some positive results were reported as Estimated Maximum Possible Concentrations (EMPC) and flagged "K"even though the ion ratio and retention time criteria were met. The following sample results were affected:

   APB-SW-6001-0000-02: 2,3,7,8-TCDD and Total Tetra-Dioxins
   RWR-SW-6001-0000-02: 23478-PeCDF and Total Penta-Furans
   RWR-SW-6001-0000-03: OCDF
   APB-SW-6001-0000-03: 12378-PeCDD, 1234789-HpCDF, Total Penta-Furans, and Total Hepta-Furans.

The above item was requested via the TOPO on February 3, 2005. The final laboratory's response to the EMPC issue was received via TOPO on February 15, 2005. The item was adequately addressed.

Blanks

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

- Method Blanks

Congener	Type of Blank	Blank Concentration (pg/L)	Action Level (pg/L)	Affected Samples
2378-TCDD	Method (1/04/05)	0.29	1.45	APB-SW-6001-0000-01, APB-SW-6001-0000-02, APB-SW-6001-0000-03
12378-PeCDD	Method (1/04/05)	0.78	3.90	LPX-SW-6001-0000-02, APB-SW-6001-0000-03
123478-HxCDD	Method (1/04/05)	1.07	5.35	LPX-SW-6001-0000-02, APB-SW-6001-0000-03
123678-HxCDD	Method (1/04/05)	1.03	5.15	LPX-SW-6001-0000-01, LPX-SW-6001-0000-02, RWR-SW-6001-0000-02, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
123789-HxCDD	Method (1/05/05)	1.11	5.55	LPX-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
1234678-HpCDD	Method (1/04/05)	1.71	8.55	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03

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Congener	Type of Blank	Blank Concentration (pg/L)	Action Level (pg/L)	Affected Samples
OCDD	Method (1/05/05)	6.15	61.5	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
2378-TCDF	Method (1/04/05)	0.27*	1.35	LPX-SW-6001-0000-01, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03
12378-PeCDF	Method (1/04/05)	1.51	7.55	LPX-SW-6001-0000-01, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
23478-PeCDF	Method (1/04/05)	1.26	6.30	LPX-SW-6001-0000-01, RWR-SW-6001-0000-02, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
123478-HxCDF	Method (1/05/05)	1.59	7.95	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
123678-HxCDF	Method (1/05/05)	1.16	5.80	LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03
123789-HxCDF	Method (1/05/05)	1.00	5.00	APB-SW-6001-0000-03
234678-HxCDF	Method (1/04/05)	1.16	5.80	LPX-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
1234678-HpCDF	Method (1/05/05)	1.31	6.55	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
1234789-HpCDF	Method (1/04/05)	1.09	5.45	LPX-SW-6001-0000-01, LPX-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03
OCDF	Method (1/05/05)	2.40	24.0	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
Total TCDD	Method (1/04/05)	0.29	2.90	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, APB-SW-6001-0000-02, APB-SW-6001-0000-03
Total PeCDD	Method (1/04/05)	0.78	7.80	LPX-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, APB-SW-6001-0000-03
Total HxCDD	Method (1/04/05)	3.14	31.4	LPX-SW-6001-0000-01, LPX-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
Total HpCDD	Method (1/04/05)	2.36	23.6	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03

Congener	Type of Blank	Blank Concentration (pg/L)	Action Level (pg/L)	Affected Samples
Total TCDF	Method (1/04/05)	0.27*	2.70	LPX-SW-6001-0000-01, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03
Total PeCDF	Method (1/04/05)	2.77	27.7	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
Total HxCDF	Method (1/05/05)	4.84	48.4	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03
Total HpCDF	Method (1/04/05)	2.49	24.9	LPX-SW-6001-0000-01, APB-SW-6001-0000-01, RWR-SW-6001-0000-01, LPX-SW-6001-0000-02, APB-SW-6001-0000-02, RWR-SW-6001-0000-02, LPX-SW-6001-0000-03, APB-SW-6001-0000-03, RWR-SW-6001-0000-03

* Estimated Maximum Possible Concentration (EMPC)

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

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 laboratory calculated the Estimated Maximum Possible Concentration (EMPC) according to EPA Method 8290, Revision 0, September 1994, Section 7.9.5.2.1.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table differ from the values reported by the laboratory. The validated data accounts for blank contamination. The TEF values used in the Data Summary Table correspond to the TEF values in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.

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System Performance

No trends noted.

Very truly yours,

LOCKHEED ENVIRONMENTAL

Maria E. Baca
Senior Scientist

Louis Macri
ESAT Program Manager

cc: Anna Krasko, 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
Communications
Field Notes

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Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J[1]	-	Method bank contamination: positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.

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EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives: as found in Centredale Manor Tasks 19-22 QAPP (5/23/01): To generate data of quality sufficient to be used for the Remedial Investigation (RI)/Feasibility Study (FS).	Yes, Sampling Method appropriate for all samples Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: J'	Refer to qualification in R/S Key on Table I: NA	**	The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the dioxin/furan data. Contaminants are found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination. Data validation indicated minor data quality problems which do not significantly impact most of the data. See the discussion in the data validation memorandum for details.

* 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: 2/23/05

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Surface Waters, SDG No. 49715-80 D/F

Sample Nos.	LPX-SW-6001-0000-01	APB-SW-6001-0000-01	RWR-SW-6001-0000-01	LPX-SW-6001-0000-02	APB-SW-6001-0000-02	RWR-SW-6001-0000-02
Compound						
2378-TCDD	A	J[1]	A	A	J[1]	A
12378-PeCDD	A	A	A	J[1]	A	A
123478-HxCDD	A	A	A	J[1]	A	A
123678-HxCDD	J[1]	A	A	J[1]	A	J[1]
123789-HxCDD	J[1]	A	A	J[1]	A	A
1234678-HpCDD	J[1]	J[1]	J[1]	J[1]	J[1]	A
OCDD	J[1]	J[1]	J[1]	J[1]	J[1]	A
2378-TCDF	J[1]	A	A	A	A	J[1]
12378-PeCDF	J[1]	A	A	A	A	J[1]
23478-PeCDF	J[1]	A	A	A	A	J[1]
123478-HxCDF	J[1]	J[1]	J[1]	J[1]	J[1]	J[1]
123678-HxCDF	A	A	A	J[1]	J[1]	J[1]
123789-HxCDF	A	A	A	A	A	A
234678-HxCDF	J[1]	A	A	J[1]	A	A
1234678-HpCDF	J[1]	J[1]	J[1]	J[1]	J[1]	J[1]
1234789-HpCDF	J[1]	A	A	J[1]	A	A
OCDF	J[1]	J[1]	J[1]	J[1]	J[1]	J[1]

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Surface Waters, SDG No. 49715-80 D/F

Sample Nos.	LPX-SW-6001-0000-03	APB-SW-6001-0000-03	RWR-SW-6001-0000-03
Compound			
2378-TCDD	A	J'	A
12378-PeCDD	A	J'	A
123478-HxCDD	A	J'	A
123678-HxCDD	A	J'	J'
123789-HxCDD	A	J'	J'
1234678-HpCDD	J'	J'	J'
OCDD	J'	J'	J'
2378-TCDF	J'	J'	A
12378-PeCDF	J'	J'	J'
23478-PeCDF	A	J'	J'
123478-HxCDF	J'	J'	J'
123678-HxCDF	J'	J'	A
123789-HxCDF	A	J'	A
234678-HxCDF	A	J'	J'
1234678-HpCDF	J'	J'	J'
1234789-HpCDF	J'	J'	A
OCDF	J'	J'	J'

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Data Summary Table
Dioxin/Furan Analysis - Surface Water Samples (pg/L)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Surface Waters; SDG NO: 49715-80 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SW-6001-0000-01		APB-SW-6001-0000-01		RWR-SW-6001-0000-01		LPX-SW-6001-0000-02		APB-SW-6001-0000-02		RWR-SW-6001-0000-02	
STATION LOCATION:	Equivalency	Lyman Mill Surface Water Sampling Event 1		Allendale Surface Water Sampling Event 1		Upstream Surface Water Sampling Event 1		Lyman Mill Surface Water Sampling Event 2		Allendale Surface Water Sampling Event 2		Upstream Surface Water Sampling Event 2	
MATRIX:	Factors (1)	AQUEOUS		AQUEOUS		AQUEOUS		AQUEOUS		AQUEOUS		AQUEOUS	
TCDD/TCDF CONC.:		*pg/L*	*DL/EMPC**	*pg/L*	*DL/EMPC**	*pg/L*	*DL/EMPC**	*pg/L*	*DL/EMPC**	*pg/L*	*DL/EMPC**	*pg/L*	*DL/EMPC**
2,3,7,8-TCDD	1.0000	1.97		U	1.15	U	0.55	3.42		U	0.49 *	U	0.23
1,2,3,7,8-PeCDD	1.0000	U	0.19	U	0.54	U	0.59	U	0.25	U	0.36	U	0.36
1,2,3,4,7,8-HxCDD	0.1000	U	0.13	U	0.31	U	0.30	U	0.37	U	0.14	U	0.16
1,2,3,6,7,8-HxCDD	0.1000	U	0.17	U	0.31	U	0.31	U	0.34	U	0.13	U	0.23
1,2,3,7,8,9-HxCDD	*0.1000*	U	*0.12*	U	*0.29*	U	*0.28*	U	*0.32*	U	*0.12*	U	*0.15*
1,2,3,4,6,7,8-HpCDD	0.0100	U	2.98	U	3.13	U	2.10	U	3.58	U	2.18	9.74	
OCDD	0.0001	U	20.66	U	21.01	U	12.39	U	23.58	U	13.47	209.50	
2,3,7,8-TCDF	0.1000	U	0.11	U	0.28	U	0.45	U	0.26	U	0.26	U	0.04
1,2,3,7,8-PeCDF	0.0500	U	0.23	U	0.19	U	0.63	U	0.47	U	0.33	U	0.22
2,3,4,7,8-PeCDF	0.5000	U	0.15	U	0.15	U	0.53	U	0.40	U	0.27	U	0.16 *
1,2,3,4,7,8-HxCDF	0.1000	U	0.66	U	0.64	U	0.62	U	0.64	U	0.69	U	0.65
1,2,3,6,7,8-HxCDF	0.1000	U	0.13	U	0.37	U	0.30	U	0.24	U	0.30	U	0.23
1,2,3,7,8,9-HxCDF	0.1000	U	0.14	U	0.44	U	0.35	U	0.39	U	0.25	U	0.14
2,3,4,6,7,8-HxCDF	0.1000	U	0.12	U	0.38	U	0.30	U	0.23	U	0.21	U	0.12
1,2,3,4,6,7,8-HpCDF	0.0100	U	1.51	U	1.46	U	0.84	U	1.58	U	0.77	U	1.71
1,2,3,4,7,8,9-HpCDF	*0.0100*	*U*	*0.10*	*U*	*0.42*	*U*	*0.31*	*U*	*0.30*	*U*	*0.26*	*U*	*0.37*
OCDF	*0.0001*	*U*	*1.57*	*U*	*2.09*	*U*	*1.18*	*U*	*2.36*	*U*	*1.42*	*U*	*6.33*
TOTAL TCDD		UJ	1.97	UJ	1.15	UJ	0.55	3.42 J		UJ	0.49 *	UJ	0.23
TOTAL PeCDD		UJ	0.03	UJ	0.54	UJ	0.59	UJ	0.73	UJ	0.17	UJ	0.36
TOTAL HxCDD		UJ	0.62	UJ	0.30	UJ	0.30	UJ	1.04	UJ	0.13	UJ	0.24
TOTAL HpCDD		UJ	5.81	UJ	6.08	UJ	3.62	UJ	6.56	UJ	3.70	UJ	19.11
TOTAL TCDF		UJ	0.47	UJ	0.28	UJ	0.45	UJ	*0.26*	UJ	0.07	UJ	*0.04*
TOTAL PeCDF		UJ	0.67	UJ	0.04	UJ	0.58	UJ	0.39	UJ	0.05	UJ	0.67 *
TOTAL HxCDF		UJ	1.39	UJ	1.21	UJ	0.62	UJ	2.18	UJ	1.11	UJ	1.53
TOTAL HpCDF		UJ	2.68	UJ	2.61	UJ	1.48	UJ	3.33	UJ	1.57	UJ	3.52
TOXIC EQUIVALENT(1):		2.0		0.0 U		0.0 U		3.4		0.0 U		0.1	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		12/09/2004		12/09/2004		12/09/2004		12/16/2004		12/16/2004		12/16/2004	
DATE OF RECEIPT:		12/22/2004		12/22/2004		12/22/2004		12/22/2004		12/22/2004		12/22/2004	
SAMPLE EXTRACTION DATE:		12/27/2004		12/27/2004		12/27/2004		12/27/2004		12/27/2004		12/27/2004	
ANALYSIS DATE:		01/04/2005		01/05/2005		01/05/2005		01/04/2005		01/05/2005		01/04/2005	
LAB SAMPLE ID:		50226-63-14		50226-63-16		50226-63-18		50226-63-02		50226-63-20		50226-63-04	

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

(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.

Data Summary Table
Dioxin/Furan Analysis - Surface Water Samples (pg/L)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Surface Waters, SDG NO: 49715-80 D/F
LABORATORY: Battelle, Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SW-6001-0000-03		APB-SW-6001-0000-03		RWR-SW-6001-0000-03	
STATION LOCATION:	Equivalency	Lymen Mill Surface Water Sampling Event 3		Allendale Surface Water Sampling Event 3		Upstream Surface Water Sampling Event 3	
MATRIX:	Factors (1)	AQUEOUS		AQUEOUS		AQUEOUS	
TCDD/TCDF CONC.:		pg/L	DL/EMPC*	pg/L	DL/EMPC*	pg/L	DL/EMPC*
2,3,7,8-TCDD	1.0000	19.12		U	0.92	U	0.33
1,2,3,7,8-PeCDD	1.0000	U	0.50	U	0.30 *	U	0.48
1,2,3,4,7,8-HxCDD	0.1000	U	0.27	U	0.11	U	0.31
1,2,3,6,7,8-HxCDD	0.1000	U	0.27	U	0.31	U	0.16
1,2,3,7,8,9-HxCDD	0.1000	U	0.25	U	0.21	U	0.15
1,2,3,4,6,7,8-HpCDD	0.0100	U	2.71	U	2.98	U	1.76
OCDD	0.0001	U	17.66	U	16.36	U	11.93
2,3,7,8-TCDF	0.1000	U	0.25	U	0.31	U	0.24
1,2,3,7,8-PeCDF	0.0500	U	0.48	U	0.80	U	0.14
2,3,4,7,8-PeCDF	0.5000	U	0.36	U	0.39	U	0.15
1,2,3,4,7,8-HxCDF	0.1000	U	0.66	U	0.83	U	0.58
1,2,3,6,7,8-HxCDF	0.1000	U	0.33	U	0.33	U	0.19
1,2,3,7,8,9-HxCDF	0.1000	U	0.30	U	0.24	U	0.21
2,3,4,6,7,8-HxCDF	0.1000	U	0.26	U	0.12	U	0.12
1,2,3,4,6,7,8-HpCDF	0.0100	U	1.21	U	1.22	U	0.94
1,2,3,4,7,8,9-HpCDF	0.0100	U	0.10	U	0.18 *	U	0.31
OCDF	0.0001	U	1.97	U	1.83	U	1.20 *
TOTAL TCDD		19.12 J		UJ	0.92	UJ	0.33
TOTAL PeCDD		UJ	0.50	UJ	0.30	UJ	0.48
TOTAL HxCDD		UJ	0.51	UJ	1.18	UJ	0.49
TOTAL HpCDD		UJ	5.09	UJ	5.57	UJ	3.41
TOTAL TCDF		UJ	0.25	UJ	0.46	UJ	0.24
TOTAL PeCDF		UJ	0.69	UJ	1.19 *	UJ	0.49
TOTAL HxCDF		UJ	1.12	UJ	1.52	UJ	1.25
TOTAL HpCDF		UJ	2.39	UJ	2.41 *	UJ	1.57
TOXIC EQUIVALENT(1):		19.1		0.0 U		0.0 U	
DILUTION FACTOR:		1.0		1.0		1.0	
DATE SAMPLED:		12/18/2004		12/18/2004		12/18/2004	
DATE OF RECEIPT:		12/22/2004		12/22/2004		12/22/2004	
SAMPLE EXTRACTION DATE:		12/27/2004		12/27/2004		12/27/2004	
ANALYSIS DATE:		01/04/2005		01/04/2005		01/04/2005	
LAB SAMPLE ID:		50226-63-08		50226-63-10		50226-63-12	

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

(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.

Steve Stodola
US EPA Approval Signature

6/30/05
Date
June 30, 2005

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. 024, Task No. 2, TDF No. 1794
Case No. Centredale Sediments, SDG No. 50971-02 D/F
Battelle - Columbus, Ohio
Centredale Manor Site - North Providence, RI

Dioxin/Furan: 18/Sediment/ LPX-SD-4501-0000-0005, LPX-SD-4501-0012-0013, LPX-SD-4502-0012-0013, LPX-SD-4504-0000-0005, LPX-SD-4505-0012-0013, LPX-SD-4505-0024-0025, LPX-SD-4506-0000-0005, LPX-SD-4506-0012-0013, LPX-SD-4506-0024-0025, LPX-SD-4507-0012-0013, LPX-SD-4508-0012-0013, LPX-SD-4509-0000-0005, LPX-SD-4509-0012-0013, LPX-SD-4510-0012-0013, LPX-SD-4510-0024-0025, LPX-SD-4205-0000-0050, LPX-SD-4204-0110-0120, LPX-SD-4205-0130-0140

1/Soil SRM/Wellington DX-2 (50971-02-22)

Dear Ms. Clark:

A Tier III data validation was performed on the dioxin/furan analytical data for eighteen sediment samples and one Standard Reference Material (SRM) sample collected by U.S. Army Corps of Engineers, New England District 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, Addendum 3 (dated March 2005) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03). The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues

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	●	Data Completeness (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
NP	●	Field Duplicates
	●	Internal/Surrogate/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.
NP - Not Provided by the sampler.

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 the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005):

- To generate data of quality sufficient to define where the dioxin contamination is located in sediments laterally and vertically so that decisions can be made about the remedial alternatives that would be undertaken in the clean up of the site.

One Wellington Laboratories Standard Reference Material sample (Wellington DX-2 in soil) was evaluated for this SDG. All congeners with certified values are within the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) specified criterion of ± 30% D from the consensus values (for certified values > 5xMDL).

The method blanks exhibited low level contamination. This contamination problem does not

have an impact on the usability of the dioxin/furan data. Contaminants are found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination.

Data validation identified minor data quality problems which do not have a significant impact on the usability of the data. See the following discussion for details.

Data Completeness (Tier I)

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

1. The laboratory reported percent solids on the tabulated forms in the field called "PCT_MOIST". The laboratory was asked to resubmit corrected forms for all of the samples from this SDG.

2. The laboratory was asked to correct the sample size from 3.7173 to 3.4173 on the tabulated form for sample LPX-SD-4509-0000-0005 on page 19.

3. For sample LPX-SD-4505-0024-0025, the laboratory reported 1234789-HpCDF as an EMPC value (page 13). According to the raw data this result should be reported as a positive result, not an EMPC result. The laboratory was asked to clarify this discrepancy and to resubmit a corrected form or corrected quantitation report for this sample.

4. The laboratory did not submit instrument records for confirmation analyses associated with the calibration verification 5072040 #2 performed on 5/16/2005. The laboratory was asked to submit missing records.

5. The sampling date for LPX-SD-4205-0000-0050 is recorded as 5/08/03 on the original C-o-C and as 5/09/03 on the C-o-C in the data package and on the tabulated forms; for sample number LPX-SD-4204-0110-0120 is recorded as 5/08/03 on the original C-o-C and as 5/10/03 on the C-o-C in the data package and on the tabulated forms; and for sample number LPX-SD-4205-0130-0140 is recorded as 5/08/03 on the original C-o-C and as 5/09/03 on the C-o-C in the data package and on the tabulated forms. The laboratory was asked to resolve these discrepancies and if necessary to resubmit tabulated forms with the corrected sampling dates for these three samples.

6. On page 25, the laboratory incorrectly reported sample number LPX-SD-4205-0130-140 as LPX-SD-4204-0130-140. The laboratory was asked to submit a corrected tabulated form for this sample.

7. The laboratory incorrectly reported SDG No. on all of the tabulated forms as 49715-02 instead of 50971-02. The laboratory was asked to resubmit corrected forms for all of the samples from this SDG.

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The items were requested via the TOPO on June 14 and June 15, 2005. The laboratory's response was received via TOPO on June 20, 2005. The items were adequately addressed.

Preservation and Technical Holding Times

The following samples from this SDG were collected in May of 2003: LPX-SD-4205-0000-0050, LPX-SD-4204-0110-0120, and LPX-SD-4205-0130-0140. These three samples were archived for future analyses and kept frozen until their extraction. Since the holding time criterion does not apply to the archived samples, as specified in the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005), professional judgement was used to accept the data and not to qualify sample results due to sample storage exceeding 1 year.

Blanks

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

- Method Blanks

Congener	Type of Blank	Blank Concentration* (pg/g)	Action Level* (pg/g)	Affected Samples
2378-TCDD	Method (5/06/05)	5.23	26.2	LPX-SD-4506-0024-0025, LPX-SD-4510-0024-0025
1234789-HpCDF	Method (5/09/05)	0.10	0.50	LPX-SD-4508-0012-0013
Total TCDD	Method (5/06/05)	5.32	53.2	LPX-SD-4506-0024-0025, LPX-SD-4510-0024-0025
Total PeCDD	Method (5/06/05)	0.43	4.30	LPX-SD-4506-0024-0025

* Due to varying sample sizes, the blank concentrations and action levels are based on a 6.28 g (dry) average sample size.

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

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Matrix Spike/Matrix Spike Duplicate

One MS/MSD pair was evaluated for this SDG: LPX-SD-4506-0000-0005 MS/MSD.

Since the matrix spiking level for 2378-TCDD was very low (approximately 206 times lower than the sample concentration), the data validator used professional judgement to apply %RSD criteria to evaluate precision between sample, matrix spike, and matrix spike duplicate results for this congener. The following table summarizes 2378-TCDD results for the sample, matrix spike, and matrix spike duplicate which do not meet a precision criterion of %RSD ≤ 50% as specified in the Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 and the resulting sample qualification:

LPX-SD-4506-0000-0005						
Congener	Concentration pg/g (dry)				%RSD	Action
	Spiking Level	Sample	MS	MSD		Positive Detect
2378-TCDD	57.65	11853.47*	4769.69*	3862.07*	64	J

*Results reported from no dilution.

The positive result for 2378-TCDD is estimated (J) in sample LPX-SD-4506-0000-0005 due to poor precision between unspiked, matrix spike, and matrix spike duplicate sample results. The reported positive result could be biased.

Internal/Surrogate/Clean-Up Standards

- Clean-Up Standards

The following table summarizes the clean-up standard recovery that did not meet the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) acceptance criterion of 25-150%:

Clean-Up Standard	% Recovery	Action		Affected Sample
		Positive Detects	NDs	
$^{37}Cl_4$-2378-TCDD	174	J	UJ	LPX-SD-4510-0012-0013

High recovery of the clean-up standard is due to contribution of the native 2378-TCDD found at a high concentration in the above sample. Sample LPX-SD-4510-0012-0013 is qualified as noted for all congeners.

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

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are below the lowest calibration standard.

In two samples: LPX-SD-4501-0012-0013 and LPX-SD-4204-0110-0120, the laboratory reported the positive 2378-TCDF results from the initial analysis due to ether interference with the 2378-TCDF peak on the confirmation column. Additionally, the laboratory flagged the reported 2378-TCDF results with an "E" qualifier to indicate a possibility of coelution between the non-2378-tetra furan peaks and the 2378-TCDF peak on the DB5 column used for the initial analysis. As a result, the 2378-TCDF results in the above two samples are estimated (J) on the Data Summary Table. The reported results could be biased.

The laboratory calculated the Estimated Maximum Possible Concentration (EMPC) according to EPA Method 8290, Revision 0, September 1994, Section 7.9.5.2.1.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table differ from the values reported by the laboratory. The validated data accounts for blank contamination. The TEF values used in the Data Summary Table correspond to the TEF values in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.

System Performance

No trends noted.

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Very truly yours,

LOCKHEED ENVIRONMENTAL

Maria E. Baca
Senior Scientist

Louis Macri
ESAT Program Manager

cc: Anna Krasko, 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 Results
Communications
Field Notes

Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J^1	-	Method blank contamination: positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J^2	-	%RSD outside criterion between sample, MS, and MSD results; J detect.
J^3	-	Clean-up standard % recovery outside criterion: J detects and UJ non-detects.
J^4	-	Coelution problem: J detects.

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EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives as found in the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005): To generate data of quality sufficient to define where the dioxin contamination is located in sediments laterally and vertically so that decisions can be made about the remedial alternatives that would be undertaken in the clean up of 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: J[1,2,3,4]	Refer to qualification in R/S Key on Table I: NA	**	One Wellington Laboratories Standard Reference Material sample (Wellington DX-2 in soil) was evaluated for this SDG. All congeners with certified values are within the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) specified criterion of ± 30% D from the consensus values (for certified values > 5xMDL). The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the dioxin/furan data. Contaminants are found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination. Data validation identified minor data quality problems which do not have a significant impact on the usability of the data. See discussion in the data validation memorandum for details.

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

Validator: Marie Bolan

Date: 6/30/05

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Sediments, SDG No. 50971-02 D/F

Sample Nos.	LPX-SD-4501-0000-0005	LPX-SD-4501-0012-0013	LPX-SD-4502-0012-0013	LPX-SD-4504-0000-0005	LPX-SD-4505-0012-0013	LPX-SD-4505-0024-0025	LPX-SD-4506-0000-0005	LPX-SD-4506-0012-0013	LPX-SD-4506-0024-0025
Compound									
2378-TCDD	A	A	A	A	A	A	J[2]	A	J[1]
12378-PeCDD	A	A	A	A	A	A	A	A	A
123478-HxCDD	A	A	A	A	A	A	A	A	A
123678-HxCDD	A	A	A	A	A	A	A	A	A
123789-HxCDD	A	A	A	A	A	A	A	A	A
1234678-HpCDD	A	A	A	A	A	A	A	A	A
OCDD	A	A	A	A	A	A	A	A	A
2378-TCDF	A	J[4]	A	A	A	A	A	A	A
12378-PeCDF	A	A	A	A	A	A	A	A	A
23478-PeCDF	A	A	A	A	A	A	A	A	A
123478-HxCDF	A	A	A	A	A	A	A	A	A
123678-HxCDF	A	A	A	A	A	A	A	A	A
123789-HxCDF	A	A	A	A	A	A	A	A	A
234678-HxCDF	A	A	A	A	A	A	A	A	A
1234678-HpCDF	A	A	A	A	A	A	A	A	A
1234789-HpCDF	A	A	A	A	A	A	A	A	A
OCDF	A	A	A	A	A	A	A	A	A

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Sediments, SDG No. 50971-02 D/F

Sample Nos.	LPX-SD-4507-0012-0013	LPX-SD-4508-0012-0013	LPX-SD-4509-0000-0005	LPX-SD-4509-0012-0013	LPX-SD-4510-0012-0013	LPX-SD-4510-0024-0025	LPX-SD-4205-0000-0050	LPX-SD-4204-0110-0120	LPX-SD-4205-0130-0140
Compound									
2378-TCDD	A	A	A	A	J[3]	J[1]	A	A	A
12378-PeCDD	A	A	A	A	J[3]	A	A	A	A
123478-HxCDD	A	A	A	A	J[3]	A	A	A	A
123678-HxCDD	A	A	A	A	J[3]	A	A	A	A
123789-HxCDD	A	A	A	A	J[3]	A	A	A	A
1234678-HpCDD	A	A	A	A	J[3]	A	A	A	A
OCDD	A	A	A	A	J[3]	A	A	A	A
2378-TCDF	A	A	A	A	J[3]	A	A	J[4]	A
12378-PeCDF	A	A	A	A	J[3]	A	A	A	A
23478-PeCDF	A	A	A	A	J[3]	A	A	A	A
123478-HxCDF	A	A	A	A	J[3]	A	A	A	A
123678-HxCDF	A	A	A	A	J[3]	A	A	A	A
123789-HxCDF	A	A	A	A	J[3]	A	A	A	A
234678-HxCDF	A	A	A	A	J[3]	A	A	A	A
1234678-HpCDF	A	A	A	A	J[3]	A	A	A	A
1234789-HpCDF	A	J[1]	A	A	J[3]	A	A	A	A
OCDF	A	A	A	A	J[3]	A	A	A	A

Data Summary Table

Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 50971-02 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SD-4501-0000-0005		LPX-SD-4501-0012-0013		LPX-SD-4502-0012-0013		LPX-SD-4504-0000-0005		LPX-SD-4505-0012-0013		LPX-SD-4505-0024-0025	
STATION LOCATION:	Equivalency	Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond	
MATRIX:	Factors (1)	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*
2,3,7,8-TCDD	1.0000	5268.07 @		407.99		2490.87		5678.72 @		5399.33 @		3767.75 @	
1,2,3,7,8-PeCDD	1.0000	14.50		15.51		9.78		11.40		16.12		17.58	
1,2,3,4,7,8-HxCDD	0.1000	20.12		17.91		12.39		18.32		10.84		11.65	
1,2,3,6,7,8-HxCDD	0.1000	57.55		67.65		36.42		50.07		31.13		30.96	
1,2,3,7,8,9-HxCDD	0.1000	50.52		55.49		28.64		42.72		27.85		31.53	
1,2,3,4,6,7,8-HpCDD	0.0100	1332.08		776.46		824.89		1151.11		711.36		616.46	
OCDD	0.0001	10283.67		3814.73		6226.49		8466.20		5150.49		3569.90	
2,3,7,8-TCDF	0.1000	26.52 #@		81.53 J		21.22 #		19.55 #@		38.96 #@		76.01 #@	
1,2,3,7,8-PeCDF	0.0500	8.08 J		38.85 J		8.04 J		8.80 J		9.74 J		30.79	
2,3,4,7,8-PeCDF	0.5000	15.68 J		42.35 J		11.97 J		12.83 J		19.59 J		25.57	
1,2,3,4,7,8-HxCDF	0.1000	40.84		146.34		35.21		40.89		38.00		89.41	
1,2,3,6,7,8-HxCDF	0.1000	34.42		200.62		26.89		30.50		24.10		103.12	
1,2,3,7,8,9-HxCDF	0.1000	0.96 J		5.16 J		0.99 J		0.93 J		0.51 J			3.64 *
2,3,4,6,7,8-HxCDF	0.1000	19.68		72.52 J		16.30		19.24		16.94		32.46	
1,2,3,4,6,7,8-HpCDF	0.0100	438.79		2375.97		294.23		419.61		222.65		796.72	
1,2,3,4,7,8,9-HpCDF	0.0100	21.78 J		64.61 J		14.13 J		20.35 J		12.89 J		33.86 J	
OCDF	0.0001	768.97		1474.02		483.52		766.94		340.54		1097.37	
TOTAL TCDD		5337.71 J@		446.14 J		2542.27 J		5733.45 J@		5516.26 J@		3895.71 J@	
TOTAL PeCDD		103.32 J		95.44 J		78.16 J		82.38 J		137.60 J		135.96 J	
TOTAL HxCDD		392.58 J		633.43 J		244.37 J		315.58 J		234.72 J		251.49 J	
TOTAL HpCDD		2545.68 J		1531.30 J		1557.67 J		2172.34 J		1466.14 J		1155.68 J	
TOTAL TCDF		277.45 J		814.13 J		238.49 J		187.79 J		525.28 J		560.70 J	
TOTAL PeCDF		611.56 J		2192.98 J		449.17 J		522.28 J		774.27 J		1111.98 J	
TOTAL HxCDF		681.32 J		2960.00 J		479.70 J		608.53 J		548.64 J		1154.07 J	
TOTAL HpCDF		900.71 J		3855.87 J		602.26 J		880.28 J		478.74 J		1353.07 J	
TOXIC EQUIVALENT(1).		5300 J		540 J		2500 J		5700 J		5500 J		3900 J	
PERCENT SOLIDS:		96.3		92.9		33.2		95.6		35.5		95.7	
DILUTION FACTOR:		1.0		4.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		03/30/2005		03/30/2005		03/31/2005		03/31/2005		03/30/2005		03/30/2005	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005	
SAMPLE EXTRACTION DATE:		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005	
ANALYSIS DATE:		05/06/2005		05/11/2005		05/06/2005		05/05/2005		05/06/2005		05/06/2005	
LAB SAMPLE ID:		50026-80-05		50026-80-06		50026-80-09		50026-80-11		50026-80-15		50026-80-16	

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

(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.

= Concentration reported from the confirmation analysis.

@ = Concentration reported from a 1:6 dilution.

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 50971-02 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SD-4506-0000-0005		LPX-SD-4506-0012-0013		LPX-SD-4506-0024-0025		LPX-SD-4507-0012-0013		LPX-SD-4508-0012-0013		LPX-SD-4509-0000-0005	
STATION LOCATION:	*Equivalency*	*Lyman Mill Pond*		*Lyman Mill Pond*		*Lyman Mill Pond*		*Lyman Mill Pond*		*Lyman Mill Pond*		*Lyman Mill Pond*	
MATRIX:	Factors (1)	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*
2,3,7,8-TCDD	1.0000	12352.61 J@		3314.41 @		U	9.65	5246.28 @		142.47		10117.51 @	
1,2,3,7,8-PeCDD	1.0000	8.47		11.36		0.70 J		12.72		U	1.00	9.29	
1,2,3,4,7,8-HxCDD	0.1000	10.44		5.95		0.49 J		12.47		0.73 J		10.51	
1,2,3,6,7,8-HxCDD	0.1000	27.98		18.52		0.78 J		37.43		2.75 J		33.23	
1,2,3,7,8,9-HxCDD	0.1000	27.16		17.98		1.20 J		29.58		2.05 J		29.61	
1,2,3,4,6,7,8-HpCDD	0.0100	681.07		310.30		5.47		852.96		54.97		807.60	
OCDD	0.0001	4938.49		1983.44		84.41		6523.05		391.39		6256.45	
2,3,7,8-TCDF	*0.1000*	19.60 #@		27.31 #@		100.00 #		31.37 #@		0.89 #		22.27 #@	
1,2,3,7,8-PeCDF	0.0500	6.64 J		5.97 J		5.23		11.30		0.51 J		8.38 J	
2,3,4,7,8-PeCDF	0.5000	11.61		13.95		4.98		18.05		0.35 J		14.25 J	
1,2,3,4,7,8-HxCDF	0.1000	32.41		31.46		8.06		38.04		1.47		37.46	
1,2,3,6,7,8-HxCDF	0.1000	23.17		13.61		3.42		27.53		1.14		27.72	
1,2,3,7,8,9-HxCDF	0.1000	1.06 J			0.80 *	U	0.56	0.79		U	1.05	0.92 J	
2,3,4,6,7,8-HxCDF	0.1000	14.76		12.26		2.17		16.88			0.80 *	19.34	
1,2,3,4,6,7,8-HpCDF	0.0100	245.71		100.25		15.61		281.88		12.34		322.70	
1,2,3,4,7,8,9-HpCDF	0.0100	13.46 J		7.23		1.46		14.07		U	0.57 *	15.79	
OCDF	0.0001	374.91		117.67		30.05		415.90		21.58		489.86	
TOTAL TCDD		12437.23 J@		3376.60 J@		UJ	12.36	5345.83 J@		145.59 J		10286.30 J@	
TOTAL PeCDD		79.86 J		110.27 J		UJ	2.78	109.00 J		UJ	1.00	74.73 J	
TOTAL HxCDD		226.53 J		165.88 J		2.47 J		269.45 J		15.20 J		257.45 J	
TOTAL HpCDD		1316.85 J		602.90 J		13.00 J		1804.76 J		123.03 J		1597.80 J	
TOTAL TCDF		206.16 J		333.59 J		151.21 J		375.50 J		16.89 J		229.98 J	
TOTAL PeCDF		421.29 J		440.58 J		103.50 J		620.80 J		21.96 J		600.87 J	
TOTAL HxCDF		455.01 J		288.24 J		29.57 J		563.87 J		21.03 J		570.18 J	
TOTAL HpCDF		504.80 J		192.35 J		24.89 J		615.57 J		25.83 J		676.12 J	
TOXIC EQUIVALENT(1):		12000 J		3400 J		15 J		5300		140 J		10000 J	
PERCENT SOLIDS:		34.3		53.7		30.5		37.1		96.7		33.9	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		03/30/2005		03/30/2005		03/30/2005		03/30/2005		03/30/2005		03/30/2005	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005	
SAMPLE EXTRACTION DATE:		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005	
ANALYSIS DATE:		05/11/2005		05/11/2005		05/10/2005		05/10/2005		05/10/2005		05/10/2005	
LAB SAMPLE ID:		50026-80-17		50026-80-18		50026-80-19		50026-80-21		50026-80-24		50026-81-02	

** = 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.*

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

(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.

= Concentration reported from the confirmation analysis.

@ = Concentration reported from a 1:6 dilution

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 50971-02 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER: / STATION LOCATION: / MATRIX:	Toxicity Equivalency Factors (1)	LPX-SD-4509-0012-0013 / Lyman Mill Pond / SEDIMENT		LPX-SD-4510-0012-0013 / Lyman Mill Pond / SEDIMENT		LPX-SD-4510-0024-0025 / Lyman Mill Pond / SEDIMENT		LPX-SD-4205-0000-0050 / Lyman Mill Pond / SEDIMENT		LPX-SD-4204-0110-0120 / Lyman Mill Pond / SEDIMENT		LPX-SD-4205-0130-0140 / Lyman Mill Pond / 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*
2,3,7,8-TCDD	1.0000	184.34		23636.51 J&		U	8.14	5772.72 @		70.16		19084.33 &	
1,2,3,7,8-PeCDD	1.0000	1.20		78.97 J		19.14		12.29		7.51		15.96	
1,2,3,4,7,8-HxCDD	0.1000	1.19		35.89 J		24.48		19.72		6.52		17.89	
1,2,3,6,7,8-HxCDD	0.1000	3.78		95.33 J		54.60		52.13		20.97		57.42	
1,2,3,7,8,9-HxCDD	0.1000	3.68		98.87 J		89.47		49.34		20.96		46.58	
1,2,3,4,6,7,8-HpCDD	0.0100	74.33		2003.68 J		781.30		1314.41		254.42		1309.95	
OCDD	0.0001	525.65		11081.03 J		3295.59		9925.45		1193.86		9538.06	
2,3,7,8-TCDF	0.1000	2.89 #		212.12 J#		36.14 #		23.43 #@		87.51 J		37.39 #	
1,2,3,7,8-PeCDF	0.0500	1.50 J		27.90 J		62.91 J		8.49 J		100.50		10.52 J	
2,3,4,7,8-PeCDF	0.5000	2.41 J		74.84 J		48.17 J		14.38 J		46.75 J		19.99 J	
1,2,3,4,7,8-HxCDF	0.1000	8.66		105.34 J		263.66		39.81		248.37		56.05	
1,2,3,6,7,8-HxCDF	0.1000	3.35		60.15 J		325.48		33.07		327.66		43.00	
1,2,3,7,8,9-HxCDF	0.1000	0.24 J		1.81 J		18.09 J		1.27 J		12.83 J		1.31 J	
2,3,4,6,7,8-HxCDF	0.1000	3.37		41.00 J		85.84		18.94		67.30		25.71	
1,2,3,4,6,7,8-HpCDF	0.0100	29.31		558.56 J		2050.62		422.86		2120.88		482.98	
1,2,3,4,7,8,9-HpCDF	0.0100	2.37		24.92 J		176.08		22.08 J		87.68		20.70	
OCDF	0.0001	51.21		566.08 J		3281.59		789.21		1639.72		640.03	
TOTAL TCDD		190.97 J		24301.15 J&		UJ	21.41	5881.31 J@		84.04 J		19352.11 J&	
TOTAL PeCDD		12.36 J		587.14 J		129.81 J		91.63 J		77.64 J		127.60 J	
TOTAL HxCDD		33.95 J		818.68 J		633.23 J		369.16 J		209.84 J		421.41 J	
TOTAL HpCDD		143.59 J		3758.44 J		1571.50 J		2549.70 J		489.79 J		2480.80 J	
TOTAL TCDF		39.58 J		2559.39 J		605.11 J		258.99 J		433.46 J		397.45 J	
TOTAL PeCDF		71.88 J		4067.88 J		3278.74 J		591.59 J		1787.43 J		969.54 J	
TOTAL HxCDF		57.48 J		1365.38 J		3998.86 J		690.92 J		2872.59 J		931.77 J	
TOTAL HpCDF		62.31 J		1121.29 J		3558.84 J		913.60 J		3354.80 J		984.93 J	
TOXIC EQUIVALENT(1):		190 J		24000 J		170 J		5800 J		210 J		19000 J	
PERCENT SOLIDS:		68.9		32.0		98.3		31.0		99.6		34.3	
DILUTION FACTOR:		1.0		1.0		4.0		1.0		1.0		1.0	
DATE SAMPLED:		03/30/2005		03/30/2005		03/30/2005		05/08/2003		05/08/2003		05/08/2003	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005	
SAMPLE EXTRACTION DATE:		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005	
ANALYSIS DATE:		05/10/2005		05/10/2005		05/11/2005		05/10/2005		05/10/2005		05/10/2005	
LAB SAMPLE ID:		50026-81-03		50026-81-06		50026-81-07		50026-81-09		50026-81-11		50026-81-12	

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

(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.

= Concentration reported from the confirmation analysis.

@ = Concentration reported from a 1:6 dilution.

& = Concentration reported from a 1:10 dilution.

Steve Stodola
US EPA Approval Signature

July 11, 2005
Date
July 8, 2005

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. 024, Task No. 2, TDF No. 1804
Case No. Centredale Sediments, SDG No. 50971-11 D/F
Battelle - Columbus, Ohio
Centredale Manor Site - North Providence, RI

Dioxin/Furan: 14/Sediment/ LPX-SD-4503-0000-0005, LPX-SD-4503-0012-0013, LPX-SD-4502-0000-0005, LPX-SD-4504-0012-0013, LPX-SD-4505-0000-0005, LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4510-0000-0005, LPX-SD-4204-0000-0050, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01

1/Soil SRM/Wellington DX-2 (50971-11-18)

Dear Ms. Clark:

A Tier III data validation was performed on the dioxin/furan analytical data for fourteen samples and one Standard Reference Material (SRM) sample collected by U.S. Army Corps of Engineers, New England District 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, Addendum 3 (dated March 2005) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03). The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness (Tier I)
- Preservation and Technical Holding Times
- * PE Samples/Accuracy Check

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*	●	Window Defining Mix
*	●	Initial and Continuing Calibrations
*	●	Chromatographic Resolution
*	●	Instrument Sensitivity Check
	●	Blanks
*	●	Matrix Spike/Matrix Spike Duplicate
*	●	Laboratory Control Sample
NP	●	Field Duplicates
	●	Internal/Surrogate/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.
NP - Not Provided by the sampler.

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 the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005):

- To generate data of quality sufficient to define where the dioxin contamination is located in sediments laterally and vertically so that decisions can be made about the remedial alternatives that would be undertaken in the clean up of the site.

One Wellington Laboratories Standard Reference Material sample (Wellington DX-2 in soil) was evaluated for this SDG. All congeners with certified values are within the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) specified criterion of ± 30% D from the consensus values (for certified values > 5xMDL).

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

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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 identified minor data quality problems which do not have a significant impact on the usability of the data. See the following discussion for details.

Data Completeness (Tier I)

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

1. The laboratory did not apply a "D" qualifier for total Tetra Dioxins in samples LPX-SD-4504-0012-0013, page 11 and for LPX-SD-4510-0000-0005, page 15. In addition, total Penta Furans are missing a "D" qualifier in sample LPX-SD-4503-0012-0013, page 9. The laboratory was asked to resubmit corrected forms for these samples.

2. For sample LPX-SD-4507-0000-0005, the laboratory reported 234678-HxCDF and 1234789-HpCDF as the EMPC values (page 13). According to the raw data these results should be reported as the positive results, not the EMPCs. The laboratory was asked to clarify this discrepancy and to resubmit a corrected form or corrected quantitation report for that sample.

3. The sampling date for LPX-SD-4204-0000-0050 is recorded as 5/08/03 on the original C-o-C and as 5/10/03 on the C-o-C in the data package and on the tabulated form. The laboratory was asked to resolve this discrepancy and if necessary to resubmit tabulated form with the corrected sampling date for this sample.

4. On the MS/MSD summary form (page 28), the laboratory reported alternative recoveries for MS and MSD and alternative RPDs. The laboratory was asked to explain how these values were calculated.

The above items were requested via the TOPO on June 23, 2005. The laboratory's response was received via TOPO on June 28, 2005. All items were adequately addressed.

Preservation and Technical Holding Times

The sample LPX-SD-4204-0000-0050 was collected in May of 2003. The sample was archived for future analyses and kept frozen until its extraction. Since the holding time criterion does not apply to the archived samples, as specified in the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005), professional judgement was used to accept the data and not to qualify sample results due to sample storage exceeding 1 year.

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Blanks

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

- Method Blanks

Congener	Type of Blank	Blank Concentration* (pg/g)	Action Level* (pg/g)	Affected Samples
12378-PeCDD	Method (5/05/05)	1.06	5.30	LPX-SD-4502-0000-0005, LPX-SD-4507-0000-0005, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
123478-HxCDD	Method (5/05/05)	1.08	5.40	LPX-SD-4503-0000-0005, LPX-SD-4507-0000-0005, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
123678-HxCDD	Method (5/05/05)	1.18	5.90	MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
123789-HxCDD	Method (4/29/05)	1.21	6.05	MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3[illegible]0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
2378-TCDF	Method (5/13/05)	0.39	1.95	MAP-SD-3001-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
12378-PeCDF	Method (4/29/05)	1.14	5.70	LPX-SD-4503-0000-0005, LPX-SD-4502-0000-0005, LPX-SD-4505-0000-0005, LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4510-0000-0005, LPX-SD-4204-0000-0050, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
23478-PeCDF	Method (4/29/05)	1.07	5.35	LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
123478-HxCDF	Method (4/29/05)	1.14	5.70	MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
123678-HxCDF	Method (5/05/05)	1.11	5.55	MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
123789-HxCDF	Method (5/06/05)	1.11	5.55	LPX-SD-4503-0000-0005, LPX-SD-4502-0000-0005, LPX-SD-4504-0012-0013, LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4510-0000-0005, LPX-SD-4204-0000-0050, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01
234678-HxCDF	Method (5/05/05)	1.04	5.20	MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
1234789-HpCDF	Method (4/29/05)	1.25	6.25	LPX-SD-4507-0000-0005, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-000[illegible] MAP-SD-3005-0005-01

Congener	Type of Blank	Blank Concentration* (pg/g)	Action Level* (pg/g)	Affected Samples
OCDF	Method (5/05/05)	3.41	34.1	MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
Total Penta-Furans	Method (4/29/05)	2.21	22.1	MAP-SD-3003-0005-01
Total Penta-Dioxins	Method (4/29/05)	1.44	14.4	LPX-SD-4503-0012-0013, MAP-SD-3001-0005-01, MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
Total Hexa-Furans	Method (4/29/05)	4.12	41.2	MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01
Total Hexa-Dioxins	Method (4/29/05)	3.39	33.9	MAP-SD-3002-0005-01, MAP-SD-3003-0005-01, MAP-SD-3004-0005-01, MAP-SD-3005-0005-01
Total Hepta-Furans	Method (4/29/05)	2.57	25.7	MAP-SD-3003-0005-01, MAP-SD-3004-0005-01

* Due to varying sample sizes, the blank concentrations and action levels are based on a 5.27 g (dry) average sample size.

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

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Internal/Surrogate/Clean-Up Standards

- Clean-Up Standards

The following table summarizes the clean-up standard recovery that did not meet the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) acceptance criterion of 25-150%:

Clean-Up Standard	% Recovery	Action		Affected Sample
		Positive Detects	NDs	
$^{37}Cl_4$-2378-TCDD	267	J	UJ	LPX-SD-4510-0000-0005

High recovery of the clean-up standard is due to contribution of the native 2378-TCDD found at a high concentration in the above sample. Sample LPX-SD-4510-0000-0005 is qualified as noted for all congeners.

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 laboratory calculated the Estimated Maximum Possible Concentration (EMPC) according to EPA Method 8290, Revision 0, September 1994, Section 7.9.5.2.1.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table differ from the values reported by the laboratory. The validated data accounts for blank contamination. The TEF values used in the Data Summary Table correspond to the TEF values in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.

System Performance

No trends noted.

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Very truly yours,

LOCKHEED ENVIRONMENTAL

Maria E. Baca
Senior Scientist

Louis Macri
ESAT Program Manager

cc: Anna Krasko, 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 Results
Communications
Field Notes

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Sediments, SDG No. 50971-11 D/F

Sample Nos.	LPX-SD-4503-0000-0005	LPX-SD-4503-0012-0013	LPX-SD-4502-0000-0005	LPX-SD-4504-0012-0013	LPX-SD-4505-0000-0005	LPX-SD-4507-0000-0005	LPX-SD-4508-0000-0005	LPX-SD-4510-0000-0005	LPX-SD-4204-0000-0050
Compound									
2378-TCDD	A	A	A	A	A	A	A	J[2]	A
12378-PeCDD	A	A	J[1]	A	A	J[1]	A	J[2]	A
123478-HxCDD	J[1]	A	A	A	A	J[1]	A	J[2]	A
123678-HxCDD	A	A	A	A	A	A	A	J[2]	A
123789-HxCDD	A	A	A	A	A	A	A	J[2]	A
1234678-HpCDD	A	A	A	A	A	A	A	J[2]	A
OCDD	A	A	A	A	A	A	A	J[2]	A
2378-TCDF	A	A	A	A	A	A	A	J[2]	A
12378-PeCDF	J[1]	A	J[1]	A	J[1]	J[1]	J[1]	J[1,2]	J[1]
23478-PeCDF	A	A	A	A	A	J[1]	J[1]	J[2]	A
123478-HxCDF	A	A	A	A	A	A	A	J[2]	A
123678-HxCDF	A	A	A	A	A	A	A	J[2]	A
123789-HxCDF	J[1]	A	J[1]	J[1]	A	J[1]	J[1]	J[1,2]	J[1]
234678-HxCDF	A	A	A	A	A	A	A	J[2]	A
1234678-HpCDF	A	A	A	A	A	A	A	J[2]	A
1234789-HpCDF	A	A	A	A	A	J[1]	A	J[2]	A
OCDF	A	A	A	A	A	A	A	J[2]	A

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Sediments, SDG No. 50971-11 D/F

Sample Nos.	MAP-SD-3001-0005-01	MAP-SD-3002-0005-01	MAP-SD-3003-0005-01	MAP-SD-3004-0005-01	MAP-SD-3005-0005-01
Compound					
2378-TCDD	A	A	A	A	A
12378-PeCDD	J[1]	J[1]	J[1]	J[1]	J[1]
123478-HxCDD	J[1]	J[1]	J[1]	J[1]	J[1]
123678-HxCDD	J[1]	J[1]	J[1]	J[1]	J[1]
123789-HxCDD	J[1]	J[1]	J[1]	J[1]	J[1]
1234678-HpCDD	A	A	A	A	A
OCDD	A	A	A	A	A
2378-TCDF	J[1]	A	A	J[1]	J[1]
12378-PeCDF	J[1]	J[1]	J[1]	J[1]	J[1]
23478-PeCDF	J[1]	J[1]	J[1]	J[1]	J[1]
123478-HxCDF	J[1]	J[1]	J[1]	J[1]	J[1]
123678-HxCDF	J[1]	J[1]	J[1]	J[1]	J[1]
123789-HxCDF	A	A	J[1]	J[1]	A
234678-HxCDF	J[1]	J[1]	J[1]	J[1]	J[1]
1234678-HpCDF	A	A	A	A	A
1234789-HpCDF	J[1]	J[1]	J[1]	J[1]	J[1]
OCDF	A	J[1]	J[1]	J[1]	J[1]

Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J^1	-	Method blank contamination: positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J^2	-	Clean-up standard % recovery outside criterion: J detects and UJ non-detects.

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EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives as found in the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005): To generate data of quality sufficient to define where the dioxin contamination is located in sediments laterally and vertically so that decisions can be made about the remedial alternatives that would be undertaken in the clean up of 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: $J^{1,2}$	Refer to qualification in R/S Key on Table I: NA	**	One Wellington Laboratories Standard Reference Material sample (Wellington DX-2 in soil) was evaluated for this SDG. All congeners with certified values are within the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) specified criterion of ± 30% D from the consensus values (for certified values > 5xMDL). The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the dioxin/furan data. Contaminants are found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination. Data validation identified minor data quality problems which do not have a significant impact on the usability of the data. See discussion in the data validation memorandum for details.

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

** Sampling variability is not assessed in data validation.

Validator: Marie Bauer

Date: 7/8/05

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO. Centredale Sediments; SDG NO: 50971-11 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER: / STATION LOCATION: / MATRIX:	Toxicity Equivalency Factors (1)	LPX-SD-4503-0000-0005 / Lyman Mill Pond / SEDIMENT		LPX-SD-4503-0012-0013 / Lyman Mill Pond / SEDIMENT		LPX-SD-4502-0000-0005 / Lyman Mill Pond / SEDIMENT		LPX-SD-4504-0012-0013 / Lyman Mill Pond / SEDIMENT		LPX-SD-4505-0000-0005 / Lyman Mill Pond / SEDIMENT		LPX-SD-4507-0000-0005 / Lyman Mill Pond / 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*
2,3,7,8-TCDD	1.0000	3902.84 @		3273.61 $		3072.49 @		4339.53 @		4588.81		2148.70	
1,2,3,7,8-PeCDD	1.0000	9.17		7.15 J		U	8.38	12.30		15.52		U	6.65
1,2,3,4,7,8-HxCDD	0.1000	U	8.91	12.94 J		9.75		8.90		16.42		U	7.29
1,2,3,6,7,8-HxCDD	0.1000	32.05		27.68		28.56		41.65		41.65		24.20	
1,2,3,7,8,9-HxCDD	0.1000	32.67		16.22		17.01		39.64		34.85		20.88	
1,2,3,4,6,7,8-HpCDD	0.0100	789.72		642.70		759.75		852.49		1131.57		501.39	
OCDD	0.0001	5765.83		4879.10		5589.12		6259.91		8325.77		3901.34	
2,3,7,8-TCDF	0.1000	19.07 #@		34.11 #@		16.71 #@		32.11 #@		31.15 #		14.42 #	
1,2,3,7,8-PeCDF	0.0500	U	6.31	U	15.08	U	3.04 *	12.39 J		U	7.99	U	4.88
2,3,4,7,8-PeCDF	0.5000	11.18		17.64 $		10.16		21.42		16.74		U	7.75
1,2,3,4,7,8-HxCDF	0.1000	28.37		32.66 J		25.22		51.57		42.94		18.19	
1,2,3,6,7,8-HxCDF	0.1000	25.56		23.68 J		20.80		33.28		35.96		U	8.87
1,2,3,7,8,9-HxCDF	0.1000	U	0.67	U	104.73	U	0.40	U	1.17	U	16.96	U	0.54 *
2,3,4,6,7,8-HxCDF	0.1000	13.90 J			16.58 *$	12.85 J		20.33		18.20 J		9.56 J	
1,2,3,4,6,7,8-HpCDF	0.0100	337.47		245.41		271.18		325.33		476.37		241.24	
1,2,3,4,7,8,9-HpCDF	0.0100	15.88 J		15.58 J		12.90 J		20.20 J		22.04 J		U	9.03
OCDF	0.0001	504.89		327.60		513.57		537.96		654.83		333.29	
TOTAL TCDD		3948.26 J@		3319.62 J$		3108.51 J@		4418.95 J@		4670.32 J		2175.39 J	
TOTAL PeCDD		49.18 J		UJ	7.15	53.21 J		74.00 J		104.22 J		34.50 J	
TOTAL HxCDD		240.75 J		152.55 J		206.24 J		279.53 J		325.12 J		170.47 J	
TOTAL HpCDD		1509.77 J		1264.98 J		1444.82 J		1652.11 J		2215.02 J		1022.30 J	
TOTAL TCDF		192.59 J		162.55 J		148.54 J		401.23 J		389.91 J		135.65 J	
TOTAL PeCDF		518.07 J		451.23 J$		430.68 J		762.29 J		693.06 J		337.63 J	
TOTAL HxCDF		549.11 J		539.65 J$		485.87 J		719.07 J		765.34 J		352.01 J	
TOTAL HpCDF		657.73 J		492.62 J		566.79 J		648.40 J		937.26 J		472.48 J	
TOXIC EQUIVALENT(1):		3900 J		3300 J		3100 J		4400 J		4700 J		2200 J	
PERCENT SOLIDS:		30.7		39.2		31.0		33.3		31.0		35.3	
DILUTION FACTOR:		1.0		4.0		1.0		1.0		3.0		1.0	
DATE SAMPLED:		03/31/2005		03/31/2005		03/31/2005		03/31/2005		03/30/2005		03/30/2005	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005	
SAMPLE EXTRACTION DATE:		04/15/2005		04/15/2005		04/15/2005		04/15/2005		04/15/2005		04/15/2005	
ANALYSIS DATE:		04/29/2005		05/06/2005		04/29/2005		04/29/2005		05/06/2005		05/05/2005	
LAB SAMPLE ID:		50026-80-02		50026-80-03		50026-80-08		50026-80-09		50026-80-14		50026-80-20	

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

(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.

= Concentration reported from the confirmation analysis.

@ = Concentration reported from a 1:6 dilution.

$ = Concentration reported from a 1:10 dilution.

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 50971-11 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SD-4508-0000-0005		LPX-SD-4510-0000-0005		LPX-SD-4204-0000-0050		MAP-SD-3001-0005-01		MAP-SD-3002-0005-01		MAP-SD-3003-0005-01	
STATION LOCATION:	Equivalency	Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Manton Pond		Manton Pond		Manton Pond	
MATRIX:	Factors (1)	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*
2,3,7,8-TCDD	1.0000	1143.84		45673.11 J^		5688.33 @		95.67		121.59		16.10	
1,2,3,7,8-PeCDD	1.0000	12.01 J		15.36 J		11.25		U	0.99	U	1.16	U	0.21
1,2,3,4,7,8-HxCDD	0.1000	23.32		18.75 J		16.06		U	1.64	U	1.39	U	0.40
1,2,3,6,7,8-HxCDD	0.1000	68.74		53.98 J		43.54		U	4.03	U	2.76	U	0.58 *
1,2,3,7,8,9-HxCDD	0.1000	56.36		47.98 J		37.73		U	3.45	U	2.73	U	0.68
1,2,3,4,6,7,8-HpCDD	0.0100	1561.74		1172.45 J		935.68		87.39		50.27		12.26	
OCDD	0.0001	13262.65		8553.99 J		7263.65		621.02		361.14		104.37	
2,3,7,8-TCDF	0.1000	10.37 #		26.83 J#		20.35 #@		U	1.10 #	2.69 #		0.47	
1,2,3,7,8-PeCDF	0.0500	U	6.64	UJ	8.92	U	8.91	U	0.39	U	0.92	U	0.16
2,3,4,7,8-PeCDF	0.5000	U	6.98	16.46 J		13.25 J		U	0.77	U	1.29	U	0.22
1,2,3,4,7,8-HxCDF	0.1000	25.53		41.74 J		33.98		U	1.98	U	2.74	U	0.61 *
1,2,3,6,7,8-HxCDF	0.1000	25.07		36.73 J		28.88		U	1.60	U	2.23	U	0.40
1,2,3,7,8,9-HxCDF	0.1000	U	0.63	UJ	1.28 *	U	1.78	U	0.46	U	1.88	U	0.06
2,3,4,6,7,8-HxCDF	0.1000	15.21		20.08 J		16.98		U	1.05	U	1.30	U	0.30
1,2,3,4,6,7,8-HpCDF	0.0100	393.93		420.39 J		335.82		21.27		20.14		3.80	
1,2,3,4,7,8,9-HpCDF	0.0100	20.30 J		19.11 J		15.81 J		U	1.47 *	U	1.24	U	0.31
OCDF	0.0001	851.19		660.14 J		570.69		47.69		U	25.93	U	7.05
TOTAL TCDD		1160.90 J		45872.24 J^		5770.17 J@		98.69 J		127.11 J		16.75 J	
TOTAL PeCDD		31.47 J		73.35 J		83.06 J		UJ	5.87	UJ	3.66	UJ	1.04
TOTAL HxCDD		451.27 J		356.62 J		285.83 J		24.87 J		UJ	19.74	UJ	3.79
TOTAL HpCDD		3540.82 J		2319.87 J		1848.37 J		146.95 J		93.42 J		22.85 J	
TOTAL TCDF		87.74 J		339.32 J		237.49 J		15.28 J		31.11 J		2.98 J	
TOTAL PeCDF		315.38 J		691.65 J		530.85 J		34.83 J		52.00 J		UJ	10.20
TOTAL HxCDF		484.31 J		703.24 J		539.87 J		31.50 J		UJ	36.16	UJ	7.33
TOTAL HpCDF		907.70 J		884.51 J		707.69 J		47.85 J		40.11 J		UJ	8.07
TOXIC EQUIVALENT(1):		1200 J		46000 J		5700 J		97		120		16	
PERCENT SOLIDS:		38.1		31.5		30.8		75.9		41.4		85.6	
DILUTION FACTOR:		3.0		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		03/30/2005		03/30/2005		05/08/2003		04/11/2005		04/11/2005		04/11/2005	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/13/2005		04/13/2005		04/13/2005	
SAMPLE EXTRACTION DATE:		04/15/2005		04/15/2005		04/15/2005		04/15/2005		04/15/2005		04/15/2005	
ANALYSIS DATE:		05/06/2005		05/05/2005		05/05/2005		05/05/2005		05/05/2005		05/05/2005	
LAB SAMPLE ID:		50026-80-23		50026-81-05		50026-81-08		50026-83-02		50026-83-03		50026-83-04	

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

(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.

\# = Concentration reported from the confirmation analysis.

@ = Concentration reported from a 1:5 dilution.

^ = *Concentration reported from a 1:40 dilution.*

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 50971-11 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	MAP-SD-3004-0005-01		MAP-SD-3005-0005-01	
STATION LOCATION:	Equivalency	Manton Pond		Manton Pond	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*
2,3,7,8-TCDD	1.0000	27.94		48.68	
1,2,3,7,8-PeCDD	1.0000	U	0.34	U	0.73
1,2,3,4,7,8-HxCDD	0.1000	U	0.39	U	0.81
1,2,3,6,7,8-HxCDD	0.1000	U	1.13	U	1.58
1,2,3,7,8,9-HxCDD	0.1000	U	0.91	U	1.89
1,2,3,4,6,7,8-HpCDD	0.0100	19.06		27.59	
OCDD	0.0001	130.16		204.46	
2,3,7,8-TCDF	0.1000	U	0.55 #	U	1.04 #
1,2,3,7,8-PeCDF	0.0500	U	0.18	U	0.51
2,3,4,7,8-PeCDF	0.5000	U	0.45	U	0.82
1,2,3,4,7,8-HxCDF	0.1000	U	0.74	U	1.63
1,2,3,6,7,8-HxCDF	0.1000	U	0.47	U	1.10
1,2,3,7,8,9-HxCDF	0.1000	U	0.03	U	0.66
2,3,4,6,7,8-HxCDF	0.1000	U	0.34	U	0.86
1,2,3,4,6,7,8-HpCDF	0.0100	6.24		9.63	
1,2,3,4,7,8,9-HpCDF	0.0100	U	0.37	U	0.61
OCDF	0.0001	U	10.25	U	13.99
TOTAL TCDD		27.94 J		50.01 J	
TOTAL PeCDD		UJ	2.05	UJ	3.98
TOTAL HxCDD		UJ	4.40	UJ	12.53
TOTAL HpCDD		33.01 J		51.69 J	
TOTAL TCDF		4.29 J		13.48 J	
TOTAL PeCDF		15.34 J		62.70 J	
TOTAL HxCDF		UJ	11.72	37.85 J	
TOTAL HpCDF		UJ	13.82	20.23 J	
TOXIC EQUIVALENT(1):		28		49	
PERCENT SOLIDS:		83.4		81.7	
DILUTION FACTOR:		1.0		1.0	
DATE SAMPLED:		04/11/2005		04/11/2005	
DATE OF RECEIPT:		04/13/2005		04/13/2005	
SAMPLE EXTRACTION DATE:		04/15/2005		04/15/2005	
ANALYSIS DATE:		05/06/2005		05/06/2005	
LAB SAMPLE ID:		50026-83-05		50026-83-06	

* = 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 esti
Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data summary Table as estimated values. All other necessary qualifications are defined in Table I.
(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.
= Concentration reported from the confirmation analysis.

Steve Stodola
US EPA Approval Signature

June 27, 2005
Date

June 14, 2005
Revised: June 23, 2005

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. 024, Task No. 2, TDF No. 1782
Case No. Centredale Sediments, SDG No. 49715-86 D/F
Battelle - Columbus, Ohio
Centredale Manor Site - North Providence, RI

Dioxin/Furan: 10/Sediment/ LPX-SD-4503-0024-0025, LPX-SD-4501-0024-0025, LPX-SD-4502-0024-0025, LPX-SD-4504-0024-0025, LPX-SD-4507-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4204-0235-0245, LPX-SD-4205-0240-0250, LPX-SD-4209-0245-0255

1/Soil SRM/Wellington DX-2 (49715-86-18)

Dear Ms. Clark:

A Tier III data validation was performed on the dioxin/furan analytical data for ten sediment samples and one Standard Reference Material (SRM) sample collected by U.S. Army Corps of Engineers, New England District 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, Addendum 3 (dated March 2005) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03). The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness (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
NP	●	Field Duplicates
	●	Internal/Surrogate/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.
NP - Not Provided by the samplers

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 the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005):

- To generate data of quality sufficient to define where the dioxin contamination is located in sediments laterally and vertically so that decisions can be made about the remedial alternatives that would be undertaken in the clean up of the site.

One Wellington Laboratories Standard Reference Material sample (Wellington DX-2 in soil) was evaluated for this SDG. All congeners with certified values are within the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) specified criterion of ± 30% D from the consensus values (for certified values > 5xMDL).

The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the dioxin/furan data. Contaminants are found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are

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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 identified minor data quality problems which do not have a significant impact on the usability of the data. See the following discussion for details.

Data Completeness (Tier I)

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

1. The laboratory was asked to provide documentation of the certified and informational values and the acceptable ranges for the SRM Wellington DX-2.

2. The laboratory was asked to provide an explanation of the laboratory's qualifiers reported under LAB_QUAL column on the tabulated forms.

3. The laboratory was asked to report the LAB_RESULT for total hepta-furans for sample LPX-SD-4204-0235-0245 on page 15. The laboratory was asked to resubmit a corrected form.

4. The laboratory reported percent solids on the tabulated forms in the field called "PCT_MOIST". The laboratory was asked to correct this field to "percent solids" and resubmit corrected forms for all of the samples from this SDG.

5. The laboratory was asked to revise the QA/QC Summary, Sample Preparation Section to include additional steps for soil samples followed by the laboratory. Since the samples had high moisture content, the laboratory followed the QAPP specifications for samples with percent solids < 30%. The samples were centrifuged and decanted but these additional steps were not documented in the QA/QC Summary.

The above items were requested via the TOPO on May 26, 2005. The laboratory's response was received via TOPO on June 6, 2005. The items were adequately addressed.

Preservation and Technical Holding Times

The following samples from this SDG were collected in May of 2003: LPX-SD-4204-0235-0245, LPX-SD-4205-0240-0250, and LPX-SD-4209-0245-0255. These three samples were archived for future analyses and kept frozen until their extraction. Since the holding time criterion does not apply to the archived samples, as specified in the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005), professional judgement was used to accept the data and not to qualify sample results due to sample storage exceeding 1 year.

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June 14, 2005
Revised: June 23, 2005

Blanks

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

- Method Blanks

Congener	Type of Blank	Blank Concentration* (pg/g)	Action Level* (pg/g)	Affected Samples
12378-PeCDD	Method (4/21/05)	0.15	0.75	LPX-SD-4508-0024-0025
1234678-HpCDD	Method (4/22/05)	1.14	5.70	LPX-SD-4501-0024-0025, LPX-SD-4507-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4204-0235-0245
OCDD	Method (4/22/05)	7.95	79.5	LPX-SD-4503-0024-0025, LPX-SD-4501-0024-0025, LPX-SD-4502-0024-0025, LPX-SD-4507-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4204-0235-0245, LPX-SD-4209-0245-0255
123478-HxCDF	Method (4/21/05)	0.27	1.35	LPX-SD-4501-0024-0025, LPX-SD-4509-0024-0025
1234678-HpCDF	Method (4/22/05)	0.27	1.35	LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025
OCDF	Method (4/21/05)	1.11	11.1	LPX-SD-4503-0024-0025, LPX-SD-4501-0024-0025, LPX-SD-4507-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4209-0245-0255
Total PeCDD	Method (4/21/05)	0.45	4.50	LPX-SD-4503-0024-0025, LPX-SD-4507-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4204-0235-0245
Total HpCDD	Method (4/21/05)	1.89	18.9	LPX-SD-4503-0024-0025, LPX-SD-4501-0024-0025, LPX-SD-4502-0024-0025, LPX-SD-4507-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4204-0235-0245, LPX-SD-4209-0245-0255
Total TCDF	Method (4/21/05)	0.26	2.60	LPX-SD-4501-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4204-0235-0245
Total HxCDF	Method (4/21/05)	0.27	2.70	LPX-SD-4501-0024-0025, LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025, LPX-SD-4204-0235-0245
Total HpCDF	Method (4/21/05)	0.36	3.60	LPX-SD-4508-0024-0025, LPX-SD-4509-0024-0025

* Due to varying sample sizes, the blank concentrations and action levels are based on a 5.57 g (dry) average sample size.

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

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

Internal/Surrogate/Clean-Up Standards

- Clean-Up Standards

The following table summarizes the clean-up standard recovery that did not meet the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) acceptance criterion of 25-150%:

Clean-Up Standard	% Recovery	Action		Affected Sample
		Positive Detects	NDs	
$^{37}Cl_4$-2378-TCDD	271	J	UJ	LPX-SD-4205-0240-0250

High recovery of the clean-up standard is due to contribution of the native 2378-TCDD found at a high concentration in the above sample. Sample LPX-SD-4205-0240-0250 is qualified as noted for all congeners.

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 laboratory calculated the Estimated Maximum Possible Concentration (EMPC) according to EPA Method 8290, Revision 0, September 1994, Section 7.9.5.2.1.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table differ from the values reported by the laboratory. The validated data accounts for blank contamination. The TEF values used in the Data Summary Table correspond to the TEF values in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.

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System Performance

No trends noted.

Very truly yours,

LOCKHEED ENVIRONMENTAL

Maria E. Baca
Senior Scientist

Louis Macri
ESAT Program Manager

cc: Anna Krasko, 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 Results
Communications
Field Notes

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Sediments, SDG No. 49715-86 D/F

Sample Nos.	LPX-SD-4503-0024-0025	LPX-SD-4501-0024-0025	LPX-SD-4502-0024-0025	LPX-SD-4504-0024-0025	LPX-SD-4507-0024-0025
Compound					
2378-TCDD	A	A	A	A	A
12378-PeCDD	A	A	A	A	A
123478-HxCDD	A	A	A	A	A
123678-HxCDD	A	A	A	A	A
123789-HxCDD	A	A	A	A	A
1234678-HpCDD	A	J[1]	A	A	J[1]
OCDD	J[1]	J[1]	J[1]	A	J[1]
2378-TCDF	A	A	A	A	A
12378-PeCDF	A	A	A	A	A
23478-PeCDF	A	A	A	A	A
123478-HxCDF	A	J[1]	A	A	A
123678-HxCDF	A	A	A	A	A
123789-HxCDF	A	A	A	A	A
234678-HxCDF	A	A	A	A	A
1234678-HpCDF	A	A	A	A	A
1234789-HpCDF	A	A	A	A	A
OCDF	J[1]	J[1]	A	A	J[1]

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No. Centredale Sediments, SDG No. 49715-86 D/F

Sample Nos.	LPX-SD-4508-0024-0025	LPX-SD-4509-0024-0025	LPX-SD-4204-0235-0245	LPX-SD-4205-0240-0250	LPX-SD-4209-0245-0255
Compound					
2378-TCDD	A	A	A	J[2]	A
12378-PeCDD	J[1]	A	A	J[2]	A
123478-HxCDD	A	A	A	J[2]	A
123678-HxCDD	A	A	A	J[2]	A
123789-HxCDD	A	A	A	J[2]	A
1234678-HpCDD	J[1]	J[1]	J[1]	J[2]	A
OCDD	J[1]	J[1]	J[1]	J[2]	J[1]
2378-TCDF	A	A	A	J[2]	A
12378-PeCDF	A	A	A	J[2]	A
23478-PeCDF	A	A	A	J[2]	A
123478-HxCDF	A	J[1]	A	J[2]	A
123678-HxCDF	A	A	A	J[2]	A
123789-HxCDF	A	A	A	J[2]	A
234678-HxCDF	A	A	A	J[2]	A
1234678-HpCDF	J[1]	J[1]	A	J[2]	A
1234789-HpCDF	A	A	A	J[2]	A
OCDF	J[1]	J[1]	A	J[2]	J[1]

Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J^1	-	Method bank contamination: positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J^2	-	Clean-up standard % recovery outside criterion: J detects and UJ non-detects.

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EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives as found in the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005): To generate data of quality sufficient to define where the dioxin contamination is located in sediments laterally and vertically so that decisions can be made about the remedial alternatives that would be undertaken in the clean up of 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: $J^{1,2}$	Refer to qualification in R/S Key on Table I: NA	**	One Wellington Laboratories Standard Reference Material sample (Wellington DX-2 in soil) was evaluated for this SDG. All congeners with certified values are within the Centredale Manor Tasks 19-22 QAPP, Addendum 3 (March 2005) specified criterion of ± 30% D from the consensus values (for certified values > 5xMDL). The method blanks exhibited low level contamination. This contamination problem *does not have an impact on the usability of the dioxin/furan data. Contaminants are* found in both the blanks and the field samples. When the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination. *Data validation identified minor data quality problems which do not have a significant* impact on the usability of the data. See discussion in the data validation memorandum for details.

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

** Sampling variability is not assessed in data validation.

Validator: Marie Bare

Date: 6/23/05

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 49715-86 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SD-4503-0024-0025		LPX-SD-4501-0024-0025		LPX-SD-4502-0024-0025		LPX-SD-4504-0024-0025		LPX-SD-4507-0024-0025		LPX-SD-4508-0024-0025	
STATION LOCATION:	Equivalency	Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond	
MATRIX:	Factors (1)	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*
2,3,7,8-TCDD	1.0000	31.73		0.39		30.39		41.02		7.73		0.56	
1,2,3,7,8-PeCDD	1.0000	U	0.67	U	0.25	U	0.78	11.45		U	1.00	U	0.03
1,2,3,4,7,8-HxCDD	0.1000	0.50 J		U	0.28	0.44 J		11.61		U	2.65	U	0.13
1,2,3,6,7,8-HxCDD	0.1000	1.07 J		U	0.29	1.12 J		46.65		U	2.65	U	0.12
1,2,3,7,8,9-HxCDD	0.1000	1.69		U	0.28	1.70		49.78		0.93 J		U	0.12
1,2,3,4,6,7,8-HpCDD	0.0100	11.80		U	0.42	13.42		583.26		U	5.59	U	0.79
OCDD	0.0001	U	110.21	U	2.58	U	119.26	2837.11		U	61.91	U	5.02
2,3,7,8-TCDF	0.1000	3.97 #		U	0.14	10.89 #		34.77 #		4.54 #		0.10 J	
1,2,3,7,8-PeCDF	0.0500	1.83		U	0.26	3.49		21.28 J			1.43 *	U	0.20
2,3,4,7,8-PeCDF	0.5000	1.89		U	0.22	4.12		36.20		1.52		U	0.17
1,2,3,4,7,8-HxCDF	0.1000	4.34		U	0.13	7.21		85.98		3.48		U	0.11
1,2,3,6,7,8-HxCDF	0.1000	2.47		U	0.11		3.04 *	89.38		1.35		U	0.10
1,2,3,7,8,9-HxCDF	0.1000	U	1.32	U	0.12		0.36 *	4.04 J			0.15 *	U	0.12
2,3,4,6,7,8-HxCDF	0.1000	1.83		U	0.12	2.57		53.84			1.36 *	U	0.11
1,2,3,4,6,7,8-HpCDF	0.0100	16.07		U	0.19	17.16		1418.31		6.90		U	0.27
1,2,3,4,7,8,9-HpCDF	0.0100	1.03		U	0.22	1.67		32.06		0.86 J		U	0.24
OCDF	0.0001	U	13.87	U	0.23	23.72		858.99		U	7.05	U	0.35
TOTAL TCDD		34.42 J		0.39 J		33.29 J		53.25 J		9.90 J		0.60 J	
TOTAL PeCDD		UJ	2.16	UJ	0.25	8.43 J		141.71 J		UJ	1.07	UJ	0.05
TOTAL HxCDD		8.78 J		UJ	0.28	17.32 J		481.69 J		4.98 J		UJ	0.12
TOTAL HpCDD		UJ	23.48	UJ	0.96	UJ	26.93	1194.26 J		UJ	11.24	UJ	1.42
TOTAL TCDF		26.08 J		UJ	0.03	39.51 J		478.10 J		17.95 J		UJ	0.12
TOTAL PeCDF		40.85 J		UJ	0.24	73.46 J		1971.62 J		28.50 J		0.21 J	
TOTAL HxCDF		24.95 J		UJ	0.13	33.69 J		1928.34 J		12.98 J		UJ	0.03
TOTAL HpCDF		26.20 J		UJ	0.21	27.38 J		2330.66 J		10.02 J		UJ	0.27
TOXIC EQUIVALENT(1):		35 J		0.39		36 J		130 J		9.8 J		0.57 J	
PERCENT SOLIDS:		33.1		68.6		33.2		32.0		30.8		81.7	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		03/31/2005		03/30/2005		03/31/2005		03/31/2005		03/30/2005		03/30/2005	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005		04/08/2005	
SAMPLE EXTRACTION DATE:		04/12/2005		04/12/2005		04/12/2005		04/12/2005		04/12/2005		04/12/2005	
ANALYSIS DATE:		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005		04/21/2005	
LAB SAMPLE ID:		49715-86-02		49715-86-03		49715-86-04		49715-86-05		49715-86-08		49715-86-09	

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated. Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data summary Table as estimated values. All other necessary qualifications are defined in Table I.

(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.

= Concentration reported from the confirmation analysis.

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Data Summary Table
Dioxin/Furan Analysis - Sediment Samples (pg/g, dry)

SITE: Centredale Manor - N. Providence, RI
CASE NO: Centredale Sediments; SDG NO: 49715-86 D/F
LABORATORY: Battelle - Columbus, Ohio

SAMPLE NUMBER:	Toxicity	LPX-SD-4509-0024-0025		LPX-SD-4204-0235-0245		LPX-SD-4205-0240-0250		LPX-SD-4209-0245-0255	
STATION LOCATION:	Equivalency	Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond		Lyman Mill Pond	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*
2,3,7,8-TCDD	1.0000	1.37		U	0.07	49420.66 J@		54.34	
1,2,3,7,8-PeCDD	1.0000	U	0.54	U	0.10	164.13 J		U	1.60
1,2,3,4,7,8-HxCDD	0.1000	U	1.25	U	0.44	56.33 J		U	5.48
1,2,3,6,7,8-HxCDD	0.1000	U	1.24	U	0.42	130.28 J		U	5.62
1,2,3,7,8,9-HxCDD	0.1000	U	1.21	U	0.42	146.66 J		U	5.36
1,2,3,4,6,7,8-HpCDD	0.0100	U	1.95	U	0.69 *	3214.62 J		7.86	
OCDD	0.0001	U	39.08	U	5.79	16329.75 J@		U	74.67
2,3,7,8-TCDF	0.1000	1.04 #		U	0.08	217.36 J#$			0.54 *#
1,2,3,7,8-PeCDF	0.0500	U	0.29	U	0.12	14.52 J		U	0.60
2,3,4,7,8-PeCDF	0.5000	U	0.25	U	0.10	76.63 J		U	0.70
1,2,3,4,7,8-HxCDF	0.1000	U	1.30	U	0.06	103.69 J		U	0.68
1,2,3,6,7,8-HxCDF	0.1000	U	0.50	U	0.06	48.10 J		1.22	
1,2,3,7,8,9-HxCDF	0.1000	U	0.60	U	0.08	2.08 J		U	0.76
2,3,4,6,7,8-HxCDF	0.1000	U	0.56	U	0.07	42.64 J		U	0.72
1,2,3,4,6,7,8-HpCDF	0.0100	U	1.24	U	0.14	463.18 J		11.55	
1,2,3,4,7,8,9-HpCDF	0.0100	0.23		U	0.17	27.68 J		U	1.28
OCDF	0.0001	U	1.21	U	0.16	542.04 J		U	7.86
TOTAL TCDD		1.83 J		UJ	0.07	506070.84 J@		56.78 J	
TOTAL PeCDD		UJ	0.30	UJ	0.17	1066.80 J		UJ	1.60
TOTAL HxCDD		UJ	1.24	0.63 J		1173.41 J		UJ	5.49
TOTAL HpCDD		UJ	2.03	UJ	0.69	5586.80 J		UJ	15.05
TOTAL TCDF		3.90 J		UJ	0.46	4023.18 J		6.21 J	
TOTAL PeCDF		0.19 J		0.12 J		6038.88 J		13.80 J	
TOTAL HxCDF		UJ	1.30	UJ	0.03	1382.55 J		9.87 J	
TOTAL HpCDF		UJ	1.47	UJ	0.15	928.57 J		18.32 J	
TOXIC EQUIVALENT(1):		1.5		0.0 U		50000 J		55	
PERCENT SOLIDS:		45.4		72.9		36.3		40.9	
DILUTION FACTOR:		1.0		1.0		1.0		1.0	
DATE SAMPLED:		03/30/2005		05/08/2003		05/08/2003		05/09/2003	
DATE OF RECEIPT:		04/08/2005		04/08/2005		04/08/2005		04/08/2005	
SAMPLE EXTRACTION DATE:		04/12/2005		04/12/2005		04/12/2005		04/12/2005	
ANALYSIS DATE:		04/22/2005		04/22/2005		04/22/2005		04/22/2005	
LAB SAMPLE ID:		49715-86-10		49715-86-12		49715-86-14		49715-86-15	

* = 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 esti
Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data summary Table as estimated values. All other necessary qualifications are defined in Table I.
(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.
= Concentration reported from the confirmation analysis.
@ = Concentration reported from a 1:40 dilution.
$ = Concentration reported from a 1:4 dilution.

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 14 sediment samples (including QC samples) were performed by Battelle Duxbury Operations (Battelle) of Duxbury, Massachusetts. The samples were analyzed for pesticide and polychlorinated biphenyl (pesticide/PCB) compounds by Battelle SOP 5-128 and for polynuclear aromatic hydrocarbons (PAHs) by Battelle SOP 5-157. These analyses are specified on Table 1. The laboratory organized the samples into one sample delivery group (SDG 05-0122).

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 matrix spike duplicate (MS/MSD) recoveries and precision, surrogate recoveries, instrument sensitivity, GC system degradation, standard reference material (SRM) analysis, analytical sequence, and calibrations.

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 in this QA review. Contractual and reporting requirements were met for this data set. Organic data qualifiers associated with the samples that underwent data validation are based upon a Tier II review of the data provided and are presented in the 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. Samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 were analyzed outside of holding time for PCB/pesticide and PAH analyses. These samples were collected on 5/10/03 and 5/9/03, respectively, and have been stored frozen since collection. A project holding time of 1 year from the date of collection is specified (QAPP Worksheet #9a, Table 3) for frozen samples. Qualification of data is addressed in the subsequent Organic Data Qualifiers section.

2. According to the pesticide MS/MSD summary form, *beta*-BHC, endosulfan sulfate, heptachlor, and methoxychlor were not recovered (0% recovery reported) in the analysis of sample LPX-SD-4501-0000-0005MS. In addition, endosulfan sulfate and methoxychlor were not recovered in the analysis of sample LPX-SD-4501-0000-0005MSD. The pesticide/PCB QA/QC summary indicated that the instrument response for these analytes was actually greater than the calibration range of the instrument. Battelle utilized a quadratic curve for the pesticide analyses and sample responses that exceeded the response of the high calibration standard resulted in reported negative concentrations; consequently, a 0% recovery was reported. Battelle did not perform corrective action (*i.e.,* dilution), and, therefore, accurate recovery

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information was not available for these analytes. Although matrix spike accuracy data are available for *beta*-BHC and heptachlor (from the MSD sample), specific information on the impact of the sample matrix on the detection and quantitation of the target analytes endosulfan sulfate and methoxychlor was not available. In addition, MS/MSD precision information was not available for *beta*-BHC, endosulfan sulfate, heptachlor, and methoxychlor. According to the Centredale Manor Tasks 19-22 QAPP – Addendum 3 (Worksheet #24b), matrix spike accuracy and precision information is required for *beta*-BHC, endosulfan sulfate, heptachlor, and methoxychlor. The data reviewer assumed that the recoveries for these analytes exceeded the upper acceptance criterion (>140%) in the MS/MSD samples because the responses were above the calibration range of the instrument. Positive results for *beta*-BHC, endosulfan sulfate, heptachlor, and methoxychlor were not observed in sample LPX-SD-4501-0000-0005; therefore, qualification of data was not warranted due to this issue.

3. According to the pesticide MS/MSD summary form, four of the 15 target analytes did not meet recovery criteria (40%-120% recovery) in analysis of sample LPX-SD-4501-0000-0005MS and two of the 17 target analytes did not meet recovery criteria in the analysis of sample LPX-SD-4501-0000-0005MSD. In addition, two of the 16 target analytes did not meet MS/MSD analyses duplicate precision criteria (≤ 30% RPD). According to the Centredale Manor Tasks 19-22 QAPP – Addendum 3 (Worksheet #24a), the laboratory must reextract, reanalyze, or document justification if less than 90% of the spiked analytes meet measurement performance criteria (MPC; 40%-120% recovery, ≤ 30% RPD). Less than 90% of the spiked analytes met the MS/MSD MPC and corrective action was not performed. Recovery information was not available for several analytes (see Noncorrectable Deficiency #2). Recoveries for these analytes were not utilized in the calculation of attainment of MPC. Positive results for the target analytes that did not meet MS/MSD precision and accuracy criteria were not observed in sample LPX-SD-4501-0000-0005; therefore, qualification of data was not warranted due to the low recoveries. Qualification of data due to out-of-criteria MS/MSD duplicate precision is addressed in the subsequent Organic Data Qualifiers section.

4. In the PCB/pesticide fraction, the recovery of the surrogate compound PCB14 exceeded the acceptance limit (>125% recovery) for several samples and the laboratory did not reextract and reanalyze the samples to confirm the recoveries. According to the Centredale Manor Tasks 19-22 QAPP – Addendum 3 (Worksheet #24a), the laboratory must reextract, reanalyze, or document justification if surrogate recoveries are outside of acceptance limits (40%-125% recovery). It was noted in the PCB/pesticide QA/QC summary that the surrogate exceedances were attributable to sample-related matrix interferences because the surrogate recoveries in laboratory QC samples met acceptance criteria. In the opinion of the data reviewer, this explanation does not constitute acceptable justification for the failure to reextract and reanalyze samples with surrogate recovery exceedances because the possibility of a spiking error cannot be excluded and the surrogate recovery criterion was not exceeded for all of the samples in the analytical batch. No other sample-specific information about why the high recoveries were observed (*i.e.*, co-eluting peak[s] was offered. Qualification of data due

to out-of-criteria surrogate recoveries is addressed in the subsequent Organic Data Qualifiers section.

Comments

1. Samples LPX-SD-4501-0000-0005 and LPX-SD-4205-0000-0050 exhibited high moisture content (>70%). The laboratory centrifuged and decanted the project samples in an effort to reduce the moisture content prior to analysis; despite the laboratory efforts, the samples retained high moisture contents (>70%). Due to the high moisture content of these samples, freeze-dried aliquots were obtained from the Battelle Marine Sciences Laboratory in Sequim, Washington (Battelle Sequim) and utilized for the pesticide/PCB and PAH analyses. The data reviewer noted that percent moisture determinations were not preformed on the freeze-dried aliquots samples and that the moisture content was assumed to be 0%. Moisture determinations on these freeze-dried samples were subsequently performed by Battelle (Duxbury Operations of Duxbury, Massachusetts). The moisture content of the freeze-dried aliquots of samples LPX-SD-4501-0000-0005 and LPX-SD-4205-0000-0050 were determined to be 1.5% moisture and 6.1% moisture, respectively. Revised electronic data deliverables (EDDs) for the PAH and pesticide/PCB fractions, reflecting the actual dry-weight correction factors for the freeze-dried samples, were provided by Battelle.

2. The laboratory did not provide response factor reports for toxaphene, Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1260, and Aroclor-1268 and noted that a single-point initial calibration had not been performed for these analytes. The laboratory provided response factor reports for technical chlordane, Aroclor-1248 and Aroclor-1254 because these compounds were detected in project samples. Although acceptable according to the QAPP (Worksheet #9b), it should be noted that technical chlordane, Aroclor-1248, and Aroclor-1254 detections were also quantitated using a response factor determined from a single-point calibration. All other positive results for pesticide compounds in project samples were quantitated based on multi-point calibrations.

3. For the pesticide/PCB and PAH fractions, the laboratory provided the sediment method detection limits (MDLs) for the compounds of interest on a summary form that indicated the MDL study had been performed in 2003. It is recommended that Battelle perform MDL studies on an annual basis.

4. In the PCB/pesticide and PAH fractions, the laboratory extracted all samples outside of the Region I, US EPA New England Data Validation Functional Guidelines for Evaluating Environmental Analyses" (US EPA, 12/96) 14-day holding time from sample collection to extraction. The QAPP (Worksheet #9a, Table 3) specifies a 40-day holding time from sample collection to sample extraction if samples are stored cold (<6°C) in the field prior to shipment to the laboratory and stored frozen (≤-20°C) at the laboratory. It was noted on the Pesticide/PCB and PAH QA/QC Summary forms that the samples had been stored cold prior to arrival at the laboratory and at the laboratory awaiting preparation and analysis; it does not appear that the samples were frozen prior to analysis. It is not clear

from the QAPP (Worksheet #9a, Table 3) if the requirement for frozen storage is intended for archiving/future analysis of sample aliquots or if the samples must be frozen upon arrival at the laboratory (prior to preparation/analysis). The US EPA – Region I approved the QAPP for use; consequently, the data reviewer applied the 40-day extraction holding time specified in the QAPP to assess data quality.

With respect to data usability, the principal areas of concern are holding time exceedance, SRM analysis imprecision, out-of-criteria MS/MSD recoveries, MS/MSD analyses imprecision, and high surrogate recoveries. 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

- The reported positive results for all pesticide/PCB compounds and PAH compounds in samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 should be considered estimated and have been flagged "J" on the data tables. In addition, the reporting limits for pesticide/PCB compounds and PAH compounds that were not-detected in these two samples may be higher than reported; the not-detected results should be considered estimated and have been flagged "UJ" on the data tables. Samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0005 were extracted and analyzed more than 1 year after sample collection.

- The reported positive results for 4,4′-DDT in all samples, except sample LPX-SD-4502-0000-0005, should be considered estimated and have been flagged "J" on the data tables. A high percent difference (%D>30%), indicating a high bias, was observed in the associated SRM analysis.

- The reported positive result for 4,4′-DDE in sample LPX-SD-4501-0000-0005 should be considered estimated and has been flagged "J" on the data tables. High recoveries (%R>120%) was observed for 4,4′-DDE in the associated MS/MSD analyses.

- The reported positive result for fluoranthene in sample LPX-SD-4501-0000-0005 should be considered estimated and has been flagged "J" on the data tables. Low recoveries for fluoranthene (%R<40%) were observed in the associated MS/MSD analyses.

- The reported positive results for *a*-chlordane and *g*-chlordane in sample LPX-SD-4501-0000-0005 should be considered estimated and have been flagged "J" on the data tables. Large discrepancies (relative percent differences [RPDs] >30%) were observed between the respective results for *a*-chlordane and *g*-chlordane in the associated MS/MSD analyses.

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- The reported positive results for 4,4′-DDD; 4,4′-DDE; 4,4′-DDT; *a*-chlordane; *g*-chlordane; endosulfan II; technical chlordane; and Aroclor-1254 in samples LPX-SD-4504-0000-0005, LPX-SD-4505-0000-0005, LPX-SD-4506-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4510-0000-0005, LPX-SD-4204-0000-0050 should be considered estimated and have been flagged "J" on the data tables. High recoveries for the surrogate compound PCB14 (>125%) were observed in the analyses of these 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 Data

The inorganic analyses of 21 sediment samples (including QC samples and reanalyses) were performed by Battelle Marine Sciences Laboratory of Sequim, Washington (Battelle Sequim) and Mitkem Corporation of Warwick, Rhode Island (Mitkem). Fifteen samples were analyzed for target metals (specifically, aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc) by Mitkem using US EPA contract laboratory program (CLP) procedures (ILM04.1); 18 samples were analyzed for total mercury by Battelle Sequim by US EPA Method 1631C; and 15 samples were analyzed for methyl mercury by Battelle Sequim by US EPA Method 1630-draft (following Bloom, 1997). These analyses are specified on Table 1. Battelle Sequim organized the samples into SDG 2388 and Mitkem organized the samples into SDG MD0403.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon laboratory receipt, blank analysis results, calibration data, MS/MSD recoveries and precision, LCS recoveries, SRM analysis, inductively coupled plasma (ICP) interference check samples, ICP serial dilutions, percent moisture, and laboratory duplicate precision.

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 in this QA review. Contractual and reporting requirements other than those listed below were met for this data set. The inorganic data qualifiers associated with the samples that underwent data validation are based upon a Tier II review of the data provided and are presented in the 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.

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Correctable Deficiency

- High moisture contents (>70%) were observed for samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 in the percent moisture determinations performed at Mitkem. Due to the high moisture content of these samples, freeze-dried aliquots were obtained from Battelle Sequim and utilized for the target metals and mercury analyses. The data reviewer noted that Mitkem did not perform percent moisture determinations on the freeze-dried aliquots and that the moisture content was assumed to be 0%. A moisture determination on freeze-dried sample LPX-SD-4205-0000-0050 was subsequently performed by Battelle (Duxbury Operations) and the moisture content was determined to be 6.1% moisture. Revised EDDs for the metals and mercury analyses, reflecting the actual dry-weight correction factors for the freeze-dried sample LPX-SD-4205-0000-0050, were not provided. A percent moisture determination on the freeze-dried aliquot of sample LPX-SD-4204-0000-0050 was not performed. The reported concentrations for metals and mercury in samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050, indicated on the Mitkem inorganic analysis data sheets (Form I's) and in the EDD are actually wet-weight concentrations.

Noncorrectable Deficiencies

1. Samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 were analyzed outside of holding time for metals and mercury (Mitkem) and for total and methyl mercury (Battelle Sequim). The samples were collected on 5/10/03 and 5/9/03, respectively, and have been stored frozen since collection. A holding time of 6 months for metals and 28 days for mercury and total and methyl mercury (from the date of collection) is project-specified (QAPP Worksheet #9a, Table 3). Qualification of data is addressed in the subsequent Inorganic Data Qualifiers section.

2. Samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050, shipped from Mitkem laboratory to Battelle Sequim for freeze-drying, were received in a cooler with a temperature of 7.9°C, which is above the acceptable range of 4±2°C. The Case Narrative noted that ice was present in the cooler upon receipt, but lack of packing around the samples made it impossible to obtain an air reading around the samples without immersing the probe in ice. It is probable that the samples were actually cooler than the air temperature above the jars and unlikely that sample integrity was compromised. Qualification of data was not warranted due to this issue.

3. As noted in the Mitkem Case Narrative, the target metals and mercury analyses were performed according to US EPA CLP protocols (ILM04.1). According to the QAPP (Worksheet #9a), metals and mercury are to be analyzed according to US EPA SW-846 Methods 6010 and 7471, respectively. The data reviewer utilized the quality control criteria stipulated in the QAPP (not in ILM04.1) to assess sample results.

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Comments

1. As noted in the Case Narrative, Battelle Sequim inadvertently double-spiked the sample intended as the matrix spike duplicate (LPX-SD-4507-0000-0005MSD) for total mercury analysis by SW-846 Method 1631C. The analyst performed a post-spike on the sample matrix, but to be certain, samples LPX-SD-4507-0000-0005, LPX-SD-4507-0000-0005MS, and LPX-SD-4507-0000-0005MSD were redigested and reanalyzed. Analyst error was confirmed by the reanalysis of these QC samples. The results for all analyses were reported.

2. For the metals and mercury analyses performed by Mitkem, the MDL was used as a reporting limit for non-detected analytes on the hardcopy Form I and the instrument detection limit (IDL) was utilized as a reporting limit on the EDD. The MDL was the lower of the two reporting limits and non-detected results at the concentration level of the MDL were reported on the Form I for selenium, antimony, and molybdenum in project samples. In all instances when a non-detect was reported on the Form I at the MDL, a non-detect was also reported (at the concentration level of the IDL) on the EDD. There were several instances when a positive result was reported on the Form I at a concentration level between the MDL and IDL; however, these analytes were also reported as positive results on the EDD.

3. The concentrations of iron and antimony in the Mitkem metals LCS sample were within the standard manufacturer's acceptable concentration range; however, the calculated recoveries for antimony and iron were was less than the QAPP-specified lower acceptance limit (<70%). The data reviewer utilized the QAPP limits in the assessment of the LCS sample results. Qualification of data due to the low LCS recoveries is addressed in the subsequent Inorganic Data Qualifiers section.

With respect to data usability, the principal areas of concern are blank contamination, holding time exceedance, significant negative instrument bias, low MS/MSD recoveries, MS/MSD analyses imprecision, laboratory duplicate imprecision, low LCS recovery, and high serial dilution percent differences. Based on a Tier II 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 associated laboratory blanks, 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. It should

be noted that dilution factors, percent solids, and sample weight were taken into consideration when evaluating blank contamination.

Analyte	Samples With Positive Results Qualified as "Not-Detected" ("U")
antimony	LPX-SD-4501-0000-0005, LPX-SD-4504-0000-0005, LPX-SD-4509-0000-0005, and LPX-SD-4205-0000-0050
arsenic	LPX-SD-4501-0000-0005, LPX-SD-4502-0000-0005, LPX-SD-4503-0000-0005, LPX-SD-4504-0000-0005, LPX-SD-4505-0000-0005, LPX-SD-4506-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4509-0000-0005, LPX-SD-4510-0000-0005, and LPX-SD-4204-0000-0050
molybdenum	LPX-SD-4503-0000-0005, LPX-SD-4504-0000-0005, LPX-SD-4505-0000-0005, and LPX-SD-4507-0000-0005
silver	LPX-SD-4501-0000-0005, LPX-SD-4502-0000-0005, LPX-SD-4503-0000-0005, LPX-SD-4504-0000-0005, LPX-SD-4505-0000-0005, LPX-SD-4506-0000-0005, LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4509-0000-0005, LPX-SD-4204-0000-0050, and LPX-SD-4510-0000-0005
thallium	LPX-SD-4501-0000-0005, LPX-SD-4502-0000-0005, LPX-SD-4503-0000-0005, LPX-SD-4504-0000-0005, LPX-SD-4505-0000-0005, LPX-SD-4506-0000-0005, LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4509-0000-0005, LPX-SD-4510-0000-0005, and LPX-SD-4204-0000-0050

- The reported positive results for total mercury and methyl mercury (Battelle Sequim) in samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 should be considered estimated and have been flagged "J" on the data tables. These samples were analyzed outside of the 28-day holding time from collection to analysis for total mercury and methyl mercury.

- The reported detection limits for metals and mercury (Mitkem) in samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables (unless previously flagged "U" due to blank contamination). In addition, the reported positive results for metals and mercury in samples LPX-SD-4204-0000-0050 and LPX-SD-4205-0000-0050 should be considered estimated and have been flagged "J" on the data tables (unless previously flagged "U" due to blank contamination). These samples were analyzed outside of the holding time for metals (6 months) and mercury (28 days).

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- The reported detection limits for selenium in all samples may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Significant negative instrument bias (>2× the IDL) was observed for selenium in the associated laboratory blanks.

- The reported positive results for antimony, chromium, and copper in all samples should be considered estimated and have been flagged "J" on the data tables (unless previously "U" qualified due to blank contamination). In addition, the reported detection limits for antimony, chromium, and copper in all samples may be higher than reported; the "not-detected" results should be considered estimated and have been flagged "UJ" on the data tables (unless previously "U" qualified due to blank contamination). Low recoveries (<70%) were observed for antimony, chromium, and copper in the associated MS/MSD analyses.

- The reported positive results for chromium and copper in all samples should be considered estimated and have been flagged "J" on the data tables. Large discrepancies (RPDs >30%) were observed for chromium and copper in the associated MS/MSD analyses.

- The reported positive results for mercury in all samples should be considered estimated and has been flagged "J" on the data tables. A large discrepancy (RPD >30%) was observed between the results for mercury in the associated laboratory duplicate analysis.

- The reported positive results for iron in all samples should be considered estimated and have been flagged "J" on the data tables. In addition, the reported detection limit for antimony in samples LPX-SD-4502-0000-0005, LPX-SD-4503-0000-0005, LPX-SD-4505-0000-0005, LPX-SD-4506-0000-0005, LPX-SD-4507-0000-0005, LPX-SD-4508-0000-0005, LPX-SD-4510-0000-0005, and LPX-SD-4204-0000-0005 may be higher than reported; the "not-detected" results should be considered estimated and have been flagged "UJ" on the data tables (unless previously flagged "U"). Low recoveries (<70%) were observed for iron and antimony in the associated LCS analysis.

- The reported positive results for cadmium, cobalt, iron, and lead in all samples should be considered estimated and have been flagged "J" on the data tables. High percent differences (>10%) were observed for these analytes in the associated serial dilution analysis.

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 good. Based on this QA review, several organic results were qualified due to holding time exceedance, standard reference material analysis imprecision, out-of-criteria MS/MSD recoveries, MS/MSD analyses imprecision, and high surrogate recoveries. In addition, several inorganic results were qualified due to blank contamination, holding time exceedance, significant negative instrument bias, low MS/MSD recoveries, MS/MSD analyses imprecision, laboratory duplicate imprecision, low laboratory control sample recovery, and high serial dilution 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:

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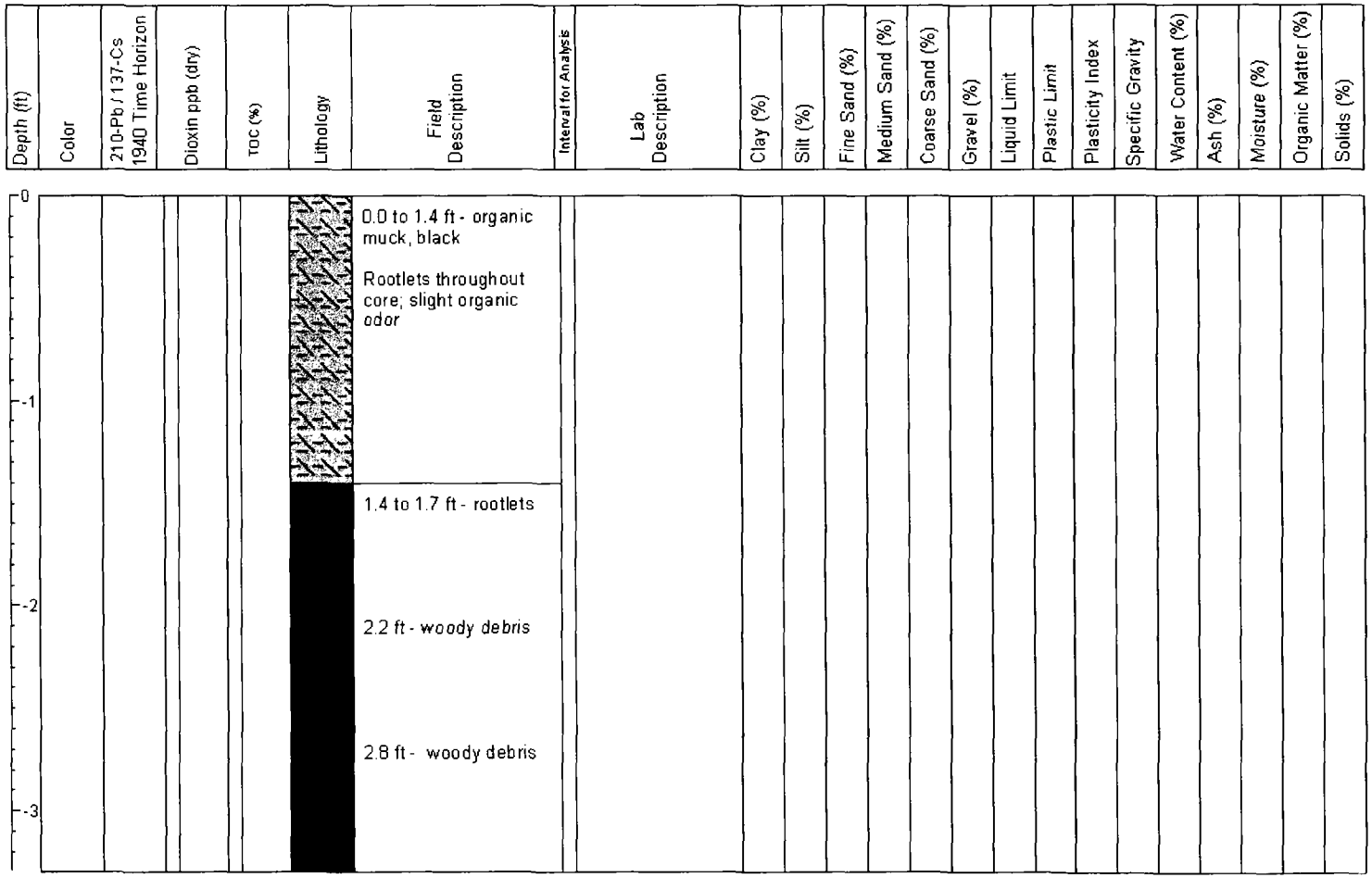
Date: 09/01/05

Appendix A
Lyman Mill Core Logs

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4510
LOCATION (lat/long): 277837.1 333260.3

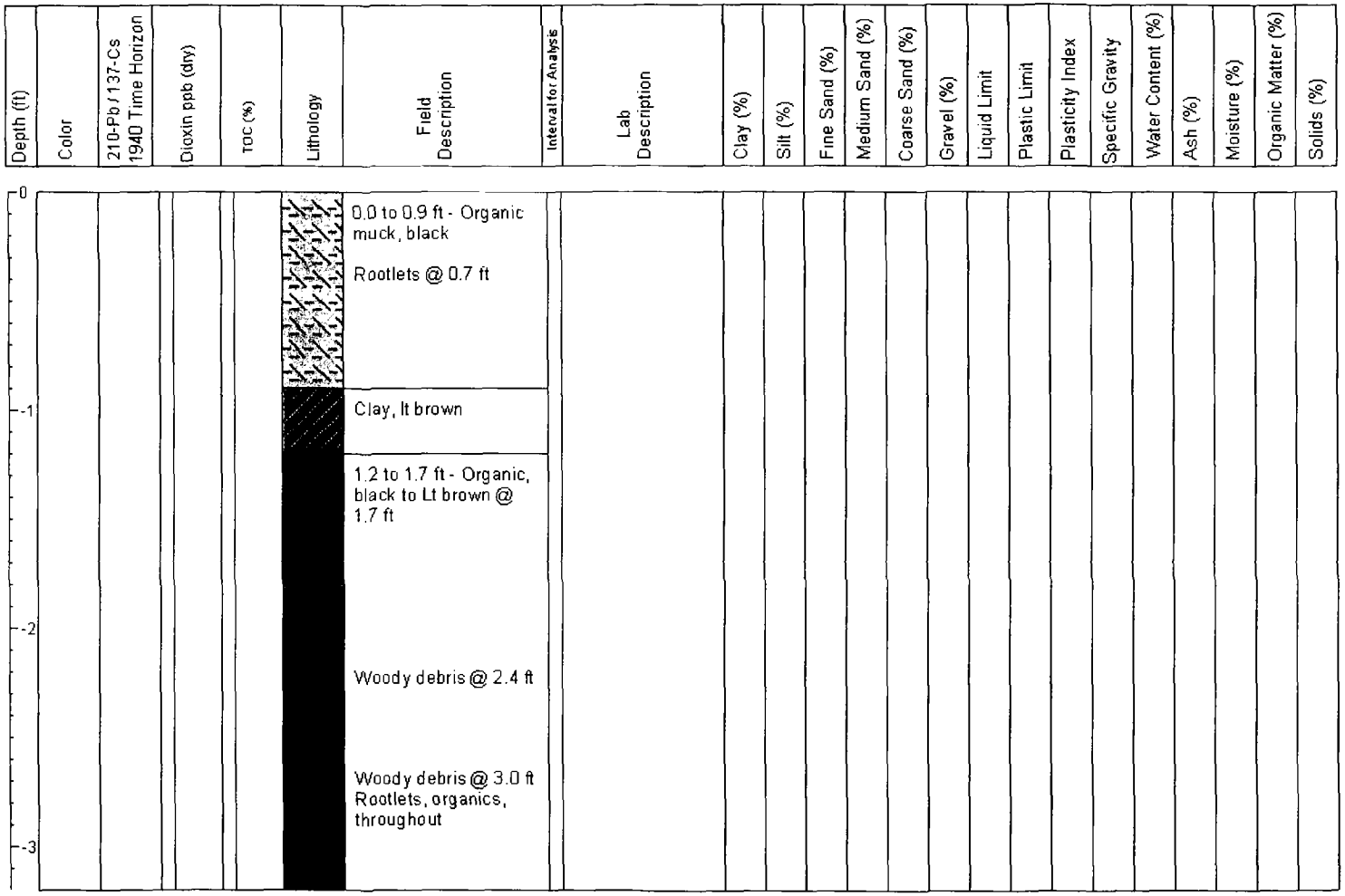
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TOTAL DEPTH: 3.3ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4509 (210-Pb, 137-Cs)
LOCATION (lat/long): 277418.1 333505.6

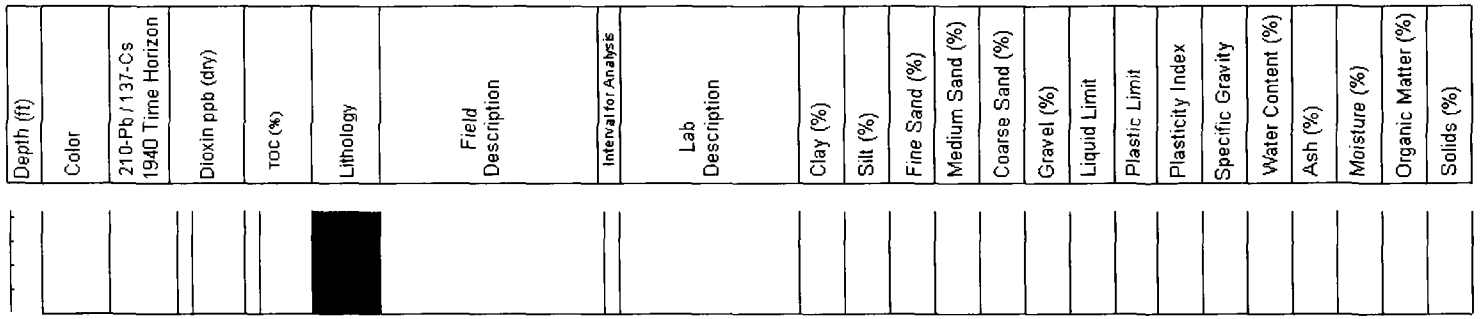
DATE: 4/05/05
TOTAL DEPTH: 3.2 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4509
LOCATION (lat/long): 277418.1 333505.6

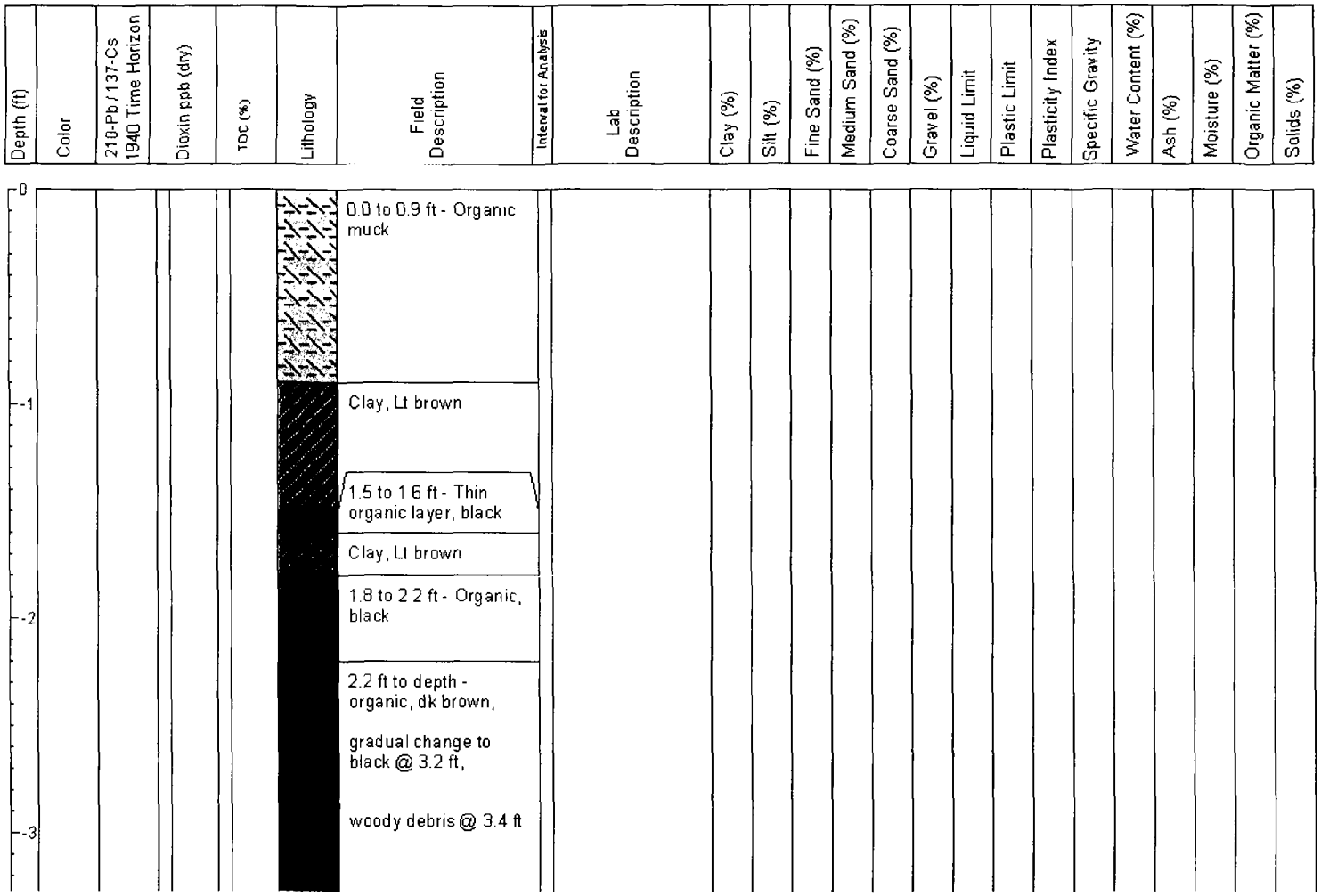
DATE: 4/05/05
TOTAL DEPTH: 3.7 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4509
LOCATION (lat/long): 277418.1 333505.6

DATE: 4/05/05
TOTAL DEPTH: 3.7 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4508
LOCATION (lat/long): 277268.8 334027.9

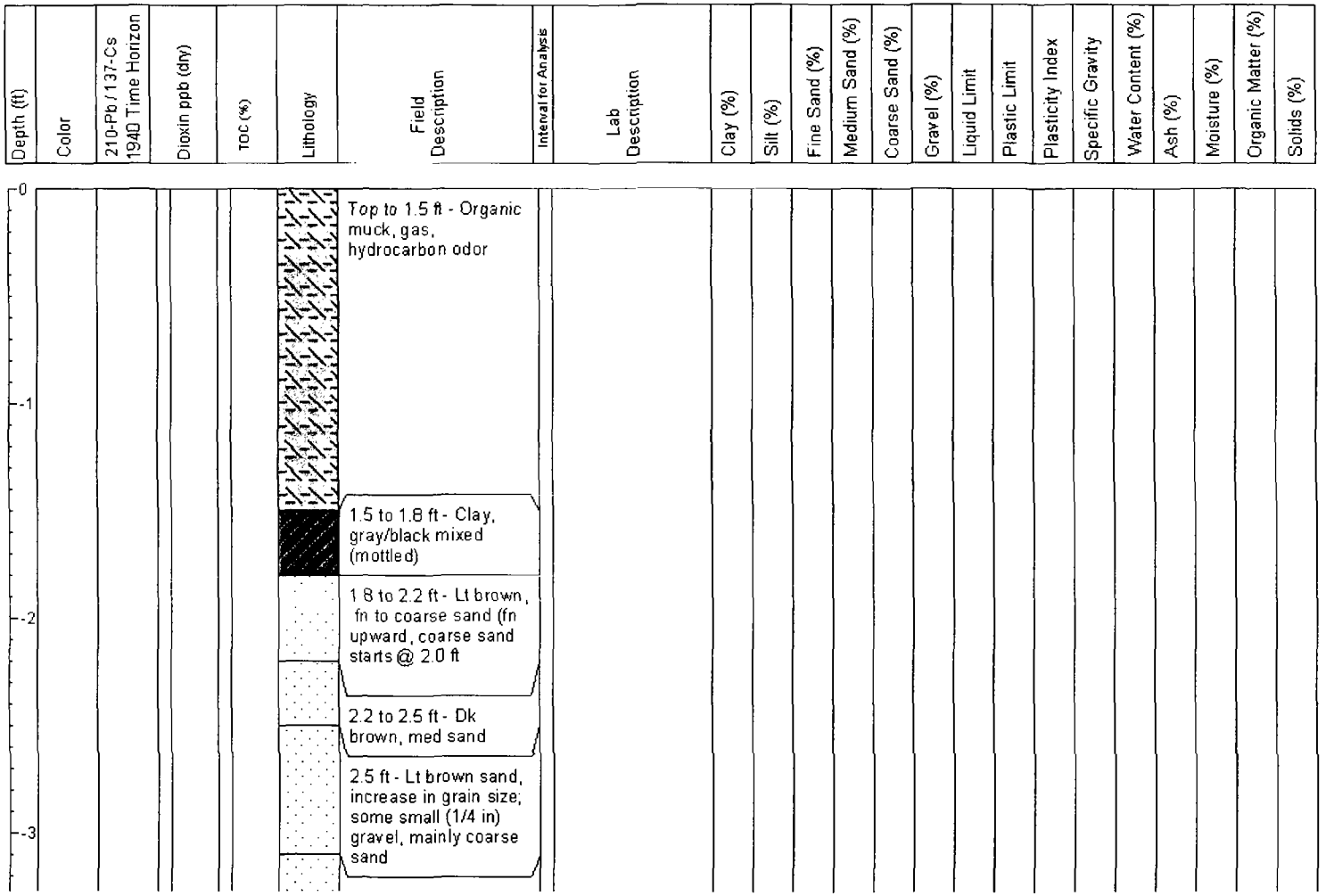
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TOTAL DEPTH: 3.7 ft

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
						3.1 ft - sand size decreases until 3.5 ft - sl darker brown; 3.5 ft increase to coarse sand to depth																	

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4508
LOCATION (lat/long): 277268.8 334027.9

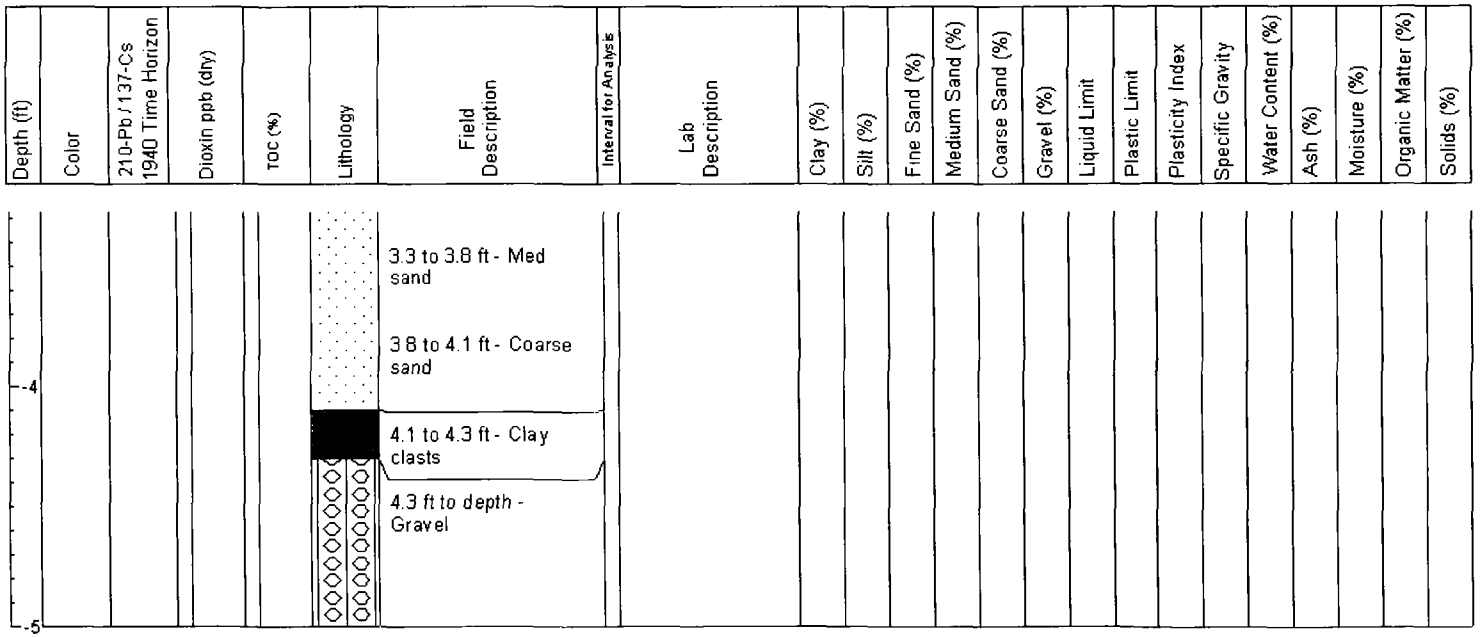
DATE: 4/05/05
TOTAL DEPTH: 3 7 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4507 (Sulfur)
LOCATION (lat/long): 277370.8 333879.9

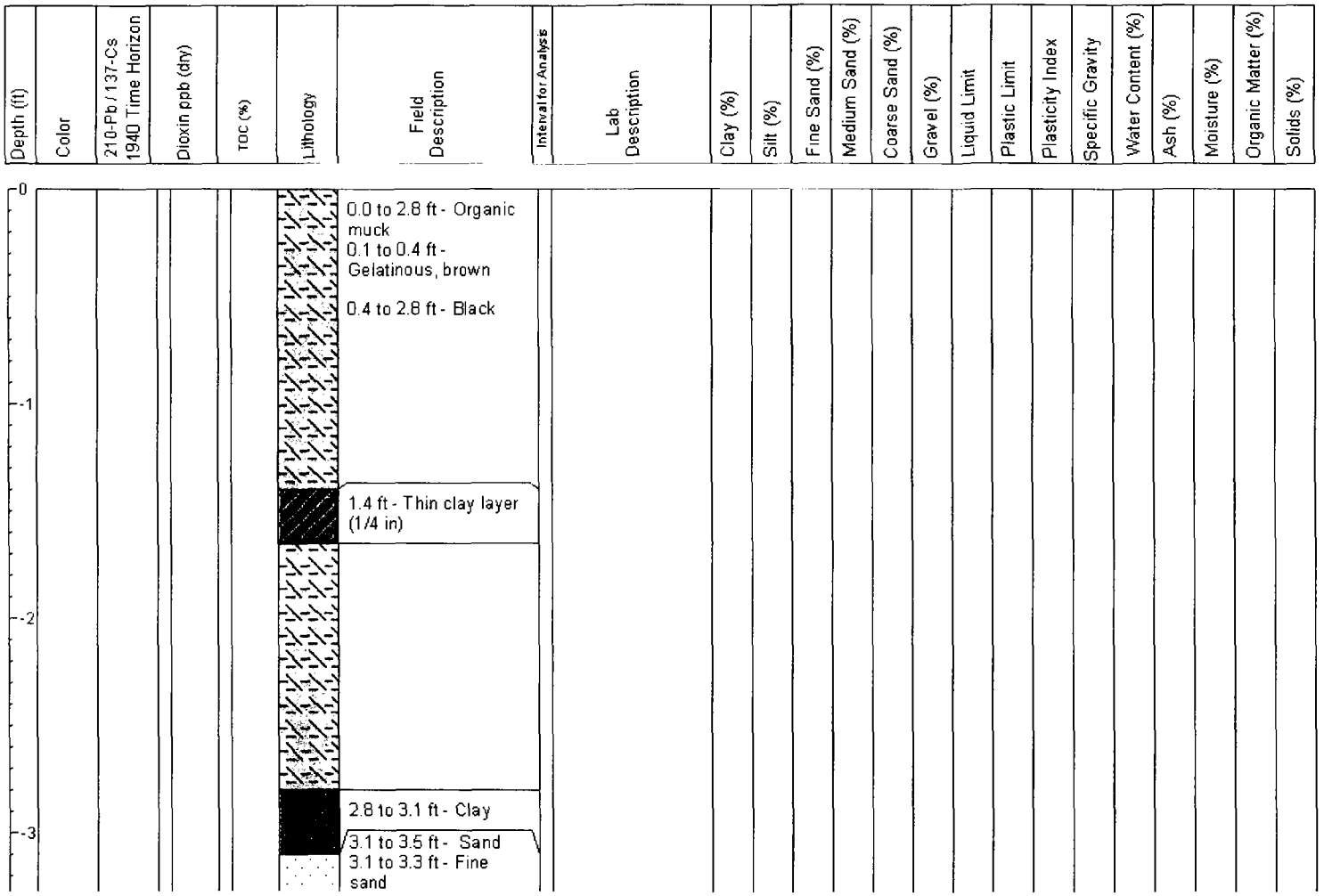
DATE: 4/05/05
TOTAL DEPTH: 5.0 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4507 (Sulfur)
LOCATION (lat/long): 277370.8 333879.9

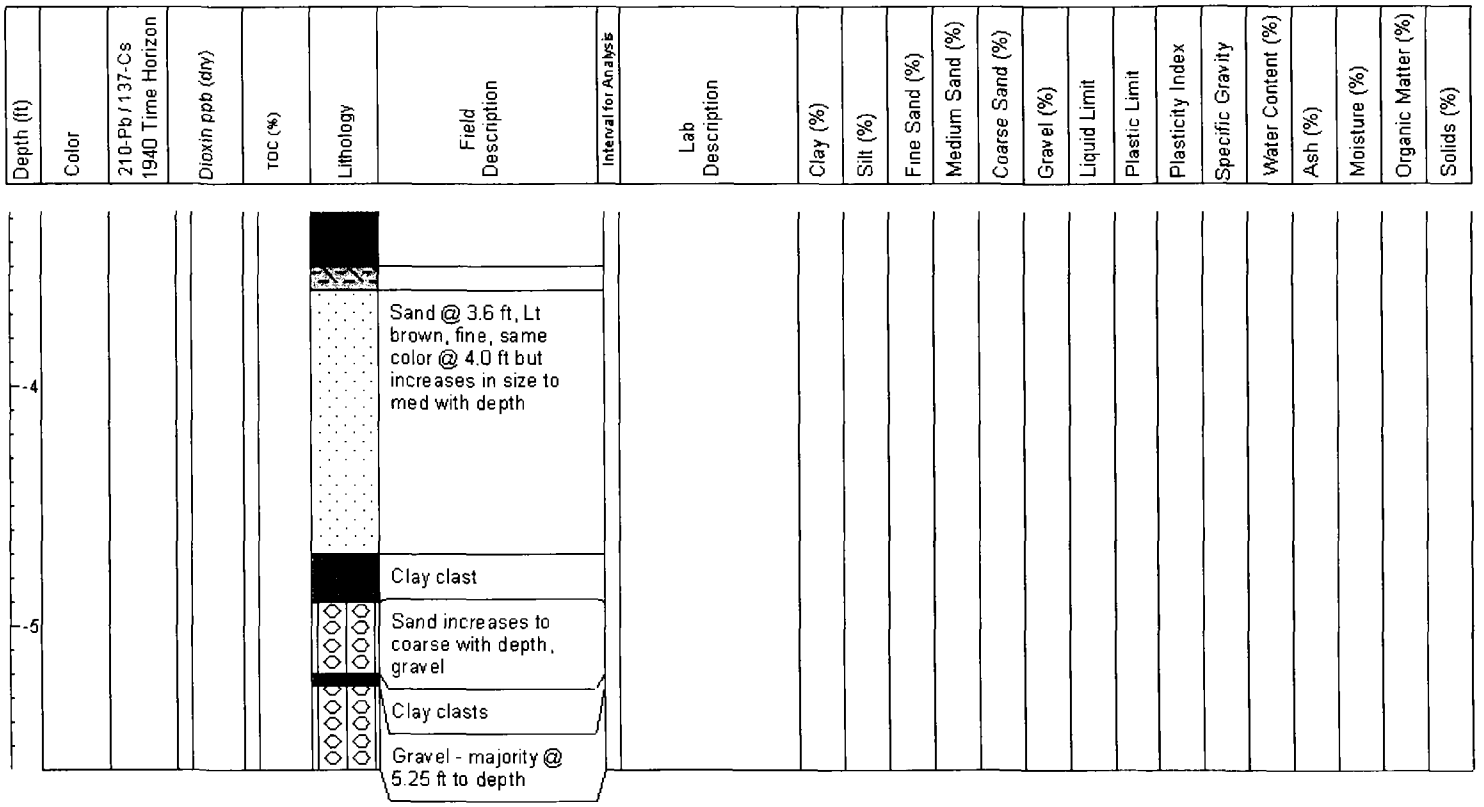
DATE: 4/05/05
TOTAL DEPTH: 5.0 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4507
LOCATION (lat/long): 277370.8 333879.9

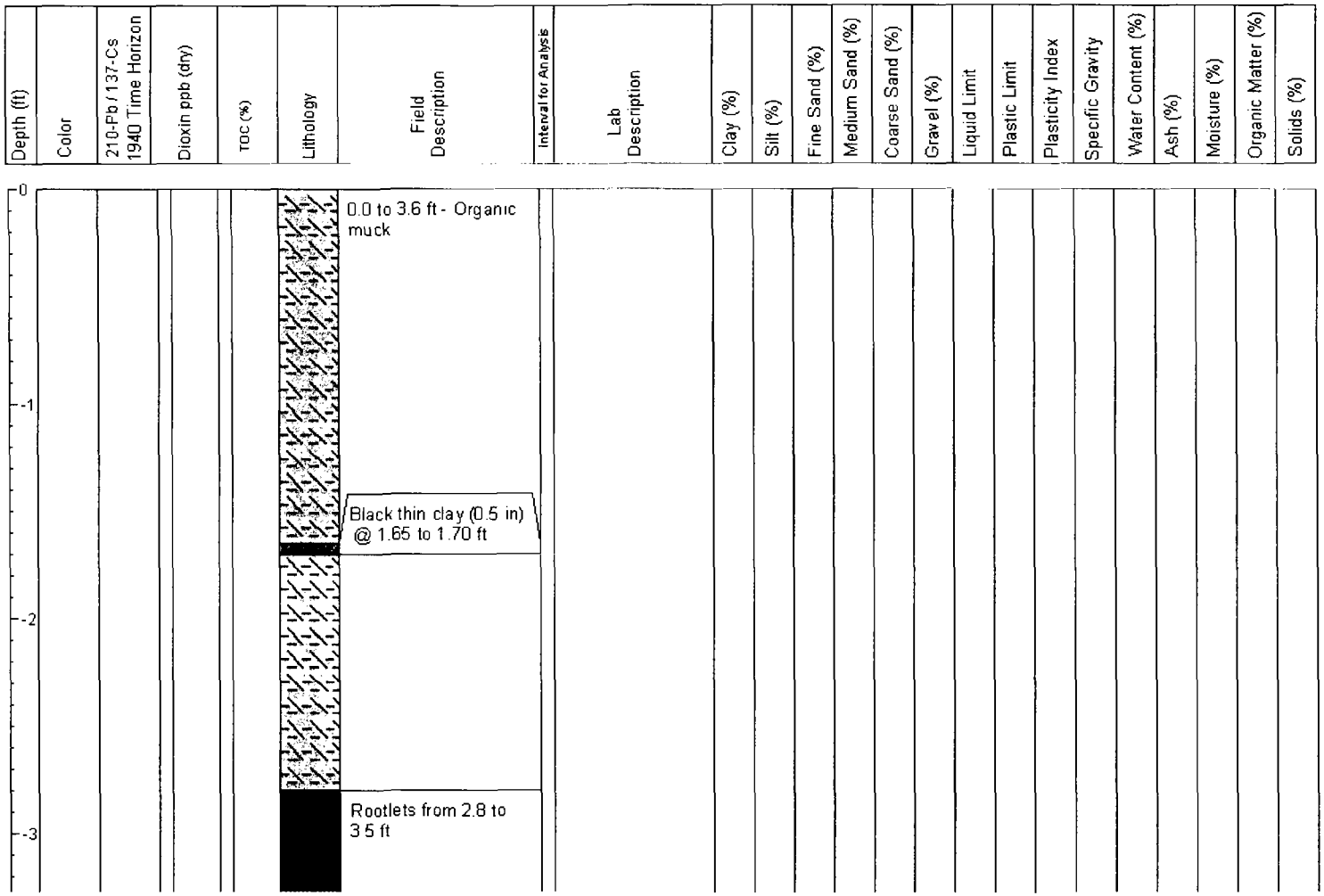
DATE: 4/05/05
TOTAL DEPTH: 5.6 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4507
LOCATION (lat/long): 277370.8 333879.9

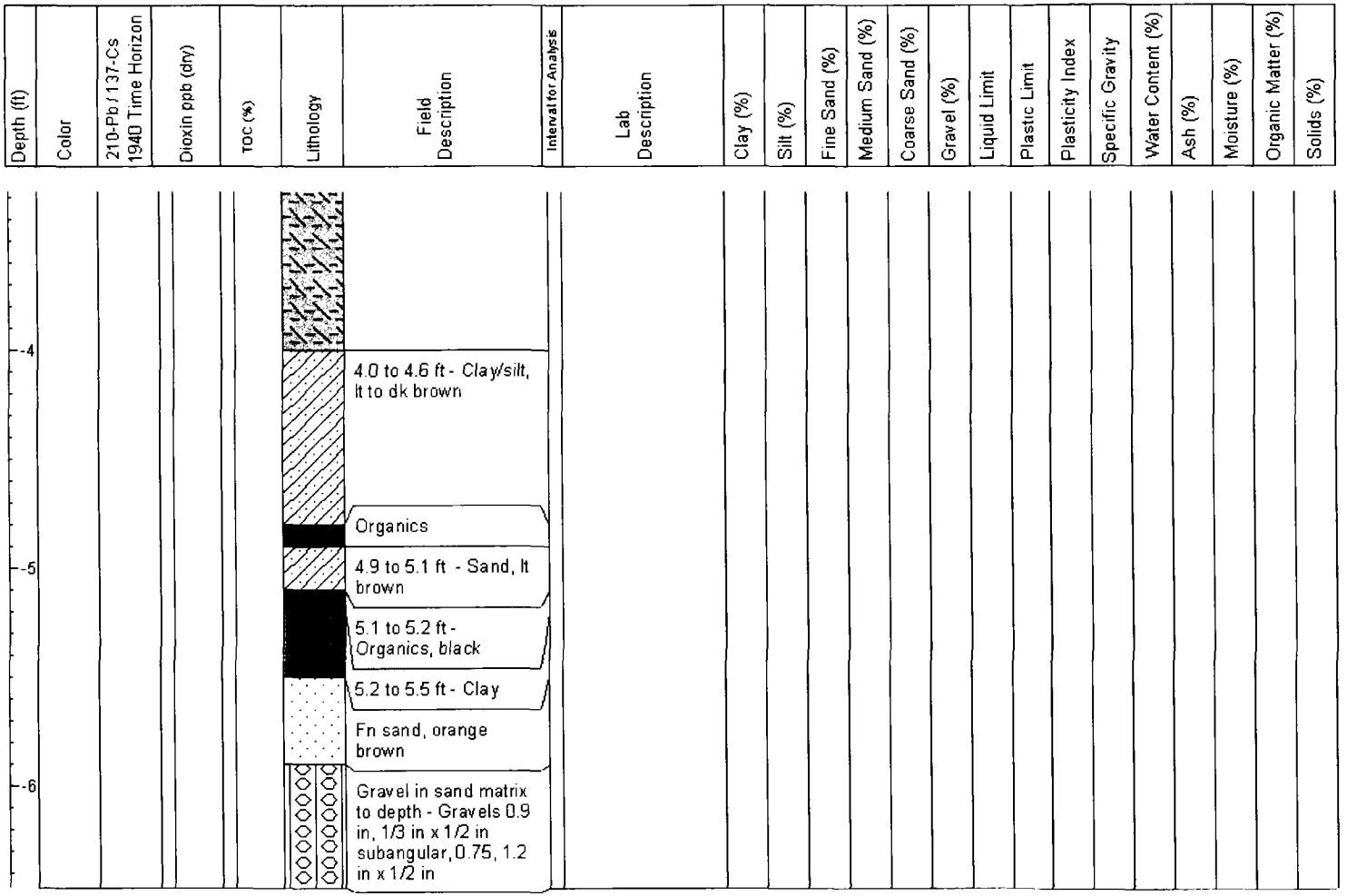
DATE: 4/05/05
TOTAL DEPTH: 5.6 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4506
LOCATION (lat/long): 277045.3 333693.3

DATE: 4/05/05
TOTAL DEPTH: 6.6 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
DATE: 4/05/05
LOCATION: Woonasquatucket River, North Providence, RI
TOTAL DEPTH: 6.6 ft
BORING NUMBER: LPX-SD-4506
LOCATION (lat/long): 277045.3 333693.3

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
0						Organic muck, black rootlet @ 0.7 in Hydrocarbon odor																	
-1						Thin clay layer @ 1.2 ft (1/4 in thickness, Lt brown)																	
-2						Black to 4.0 ft - consistency increases with depth																	
-3																							

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4505 (Sulfur)
LOCATION (lat/long): 276735.5 333827.3

DATE: 4/05/05
TOTAL DEPTH: 5.0 ft

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
-4						3.2 to 3.7 ft - Roots 3.7 ft - Clay, Lt brown																	
-5						4.4 to 5.0 ft - Clay/silt, Lt brown @ top, black striations @ 4.7 to 5.0 ft																	

US EPA ARCHIVE DOCUMENT

PROJECT NAME: **Centredale Manor Restoration Project**
LOCATION: **Woonasquatucket River, North Providence, RI**
BORING NUMBER: LPX-SD-4505 (Sulfur)
LOCATION (lat/long): 276735.5 333827.3

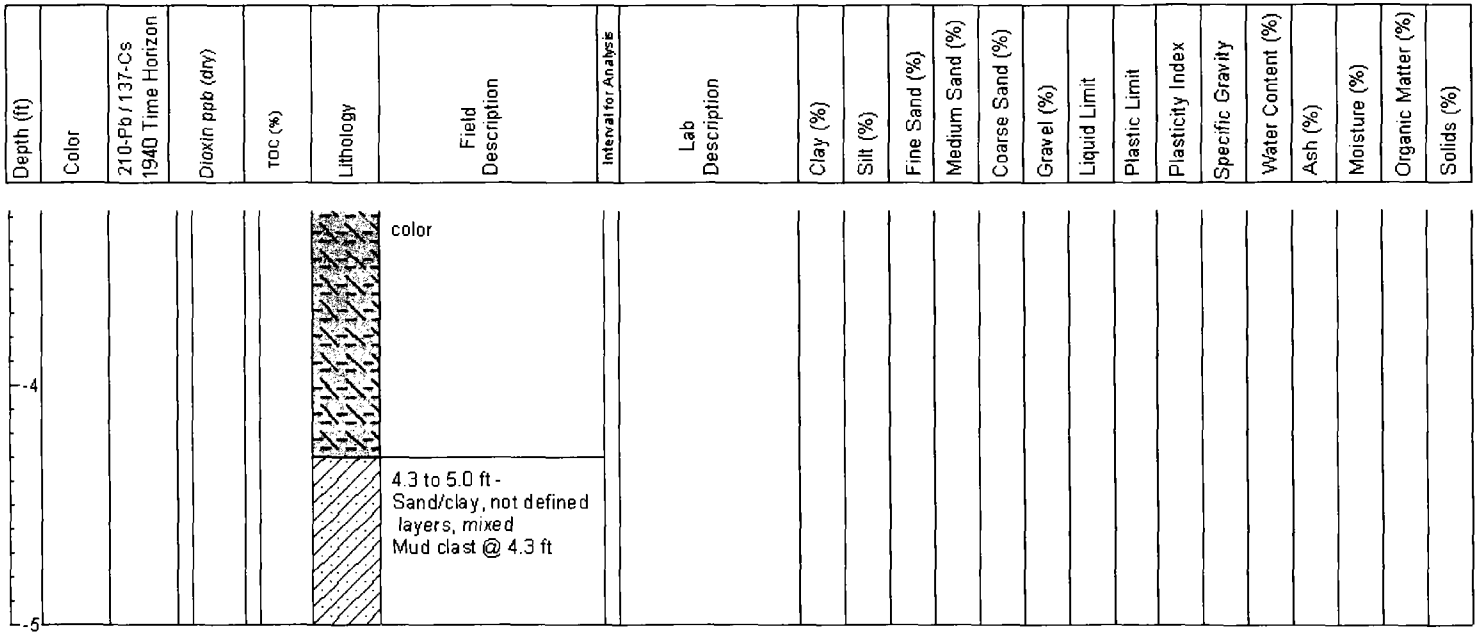
DATE: 4/05/05
TOTAL DEPTH: 5.0 ft

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
0						0.0 to 2.5 ft - Organic muck 0.0 to 1.1 ft black																	
-1						1.4 to 2.5 ft - dk brown																	
-2						Gravel clast @ 2.5 ft																	
-3						2.5 to 3.2 ft - Clay, med brown																	

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4505
LOCATION (lat/long): 276735.5 333827.3

DATE: 4/05/05
TOTAL DEPTH: 5.0 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4505
LOCATION (lat/long): 276735.5 333827.3

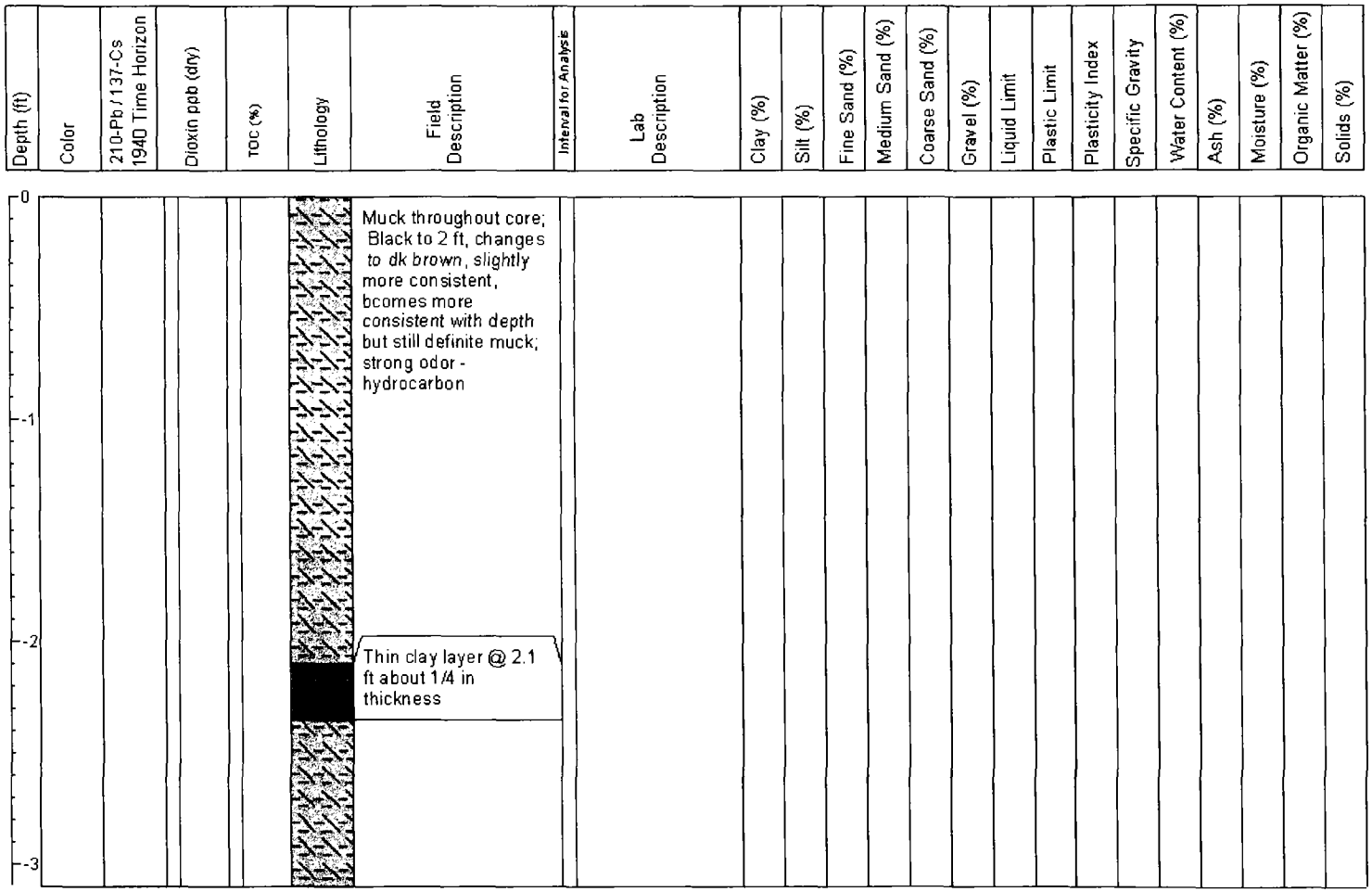
DATE: 4/05/05
TOTAL DEPTH: 5.0 ft

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
0						0.0 to -4.3 ft - Organic muck, odor (slight hydrocarbon) Black from top to 1.0 ft, color change to dk brown																		
-1						1.5 ft - color change to black 1.5 to 1.7 ft - rootlets, color change to dk brown																		
-2						2.5 ft - root																	
-3						3.3 to 3.9 ft - gradation to clay - will not sample geotech separately because of gradation 3.8 to 3.9 ft - black in																		

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4504
LOCATION (lat/long): 276645.6 333684.3

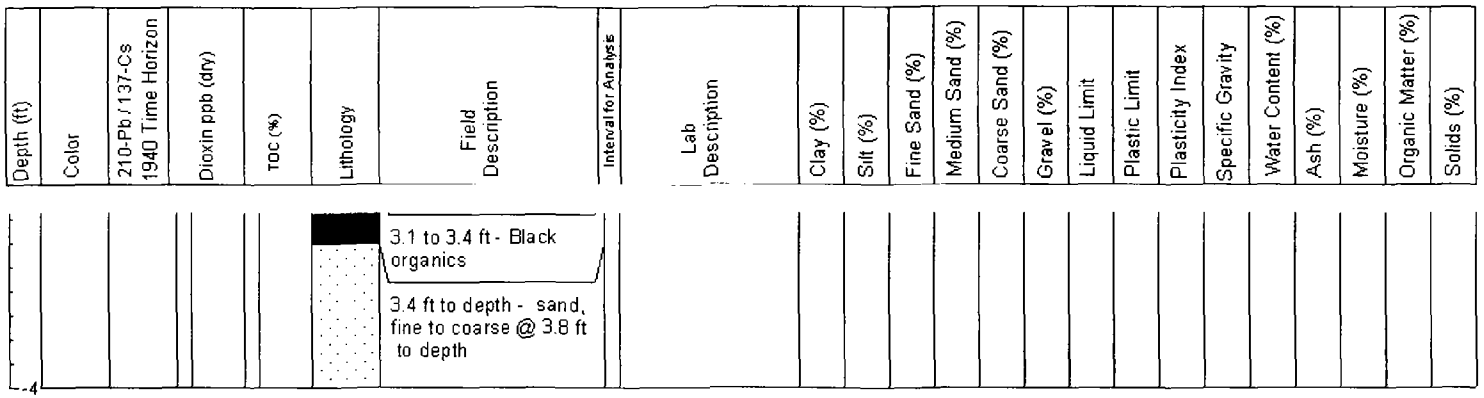
DATE: 4/05/05
TOTAL DEPTH: 3.1 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4503 (210-Pb, 137-Cs); (Sulfur)
LOCATION (lat/long): 276219.3 333901.9

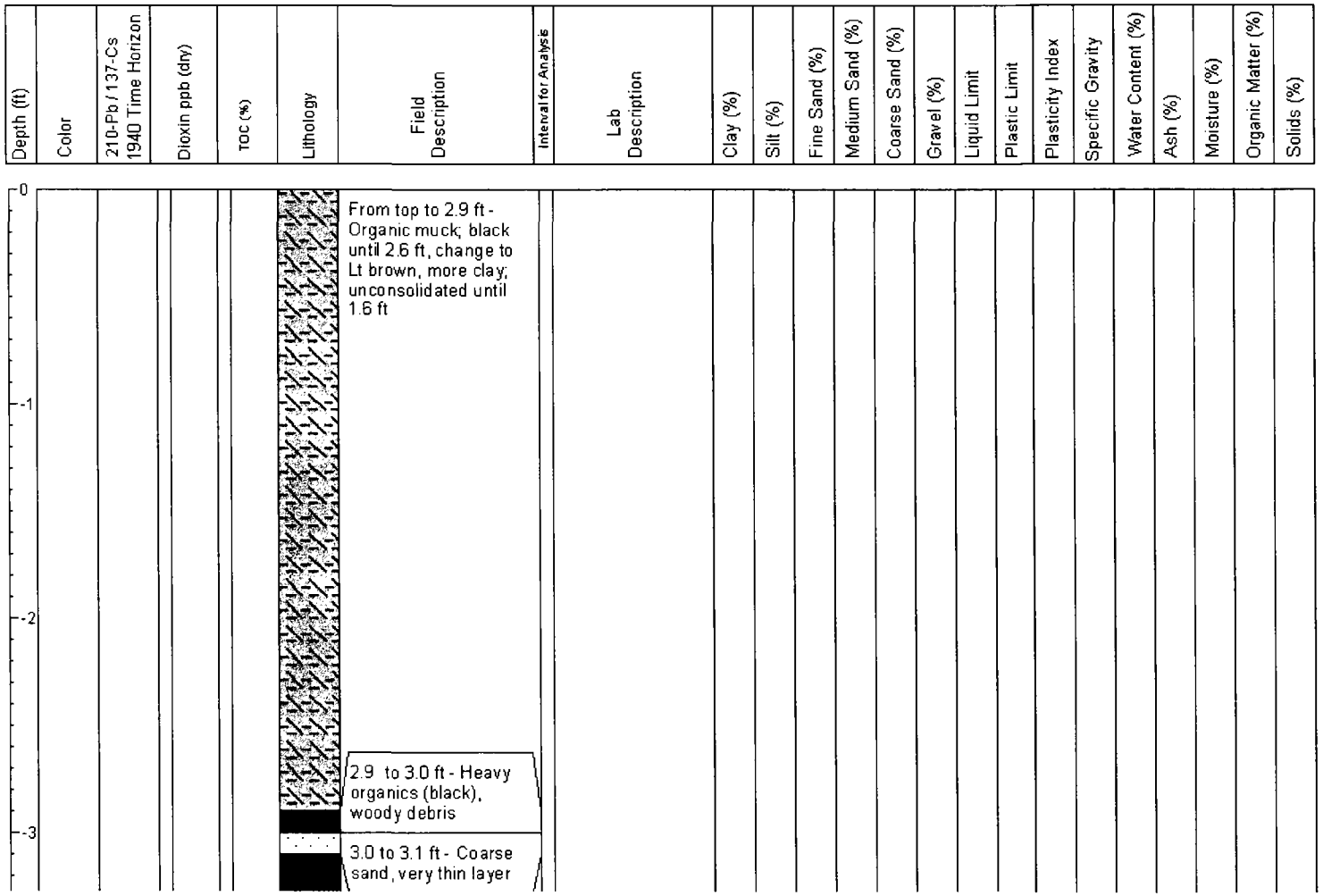
DATE: 4/05/05
TOTAL DEPTH: 4.0 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4503 (210-Pb, 137-Cs); (Sulfur)
LOCATION (lat/long): 276219.3 333901.9

DATE: 4/05/05
TOTAL DEPTH: 4.0 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4503
LOCATION (lat/long): 276219.3 333901.9

DATE: 4/05/05
TOTAL DEPTH: 4.9 ft

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
-4						Coarse sand @ 4.4 ft to bottom of core, Sand becomes coarser @ bottom of sand interval 4.6 to 4.8 ft - interval of med to fn sand																		

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4503
LOCATION (lat/long): 276219.3 333901.9

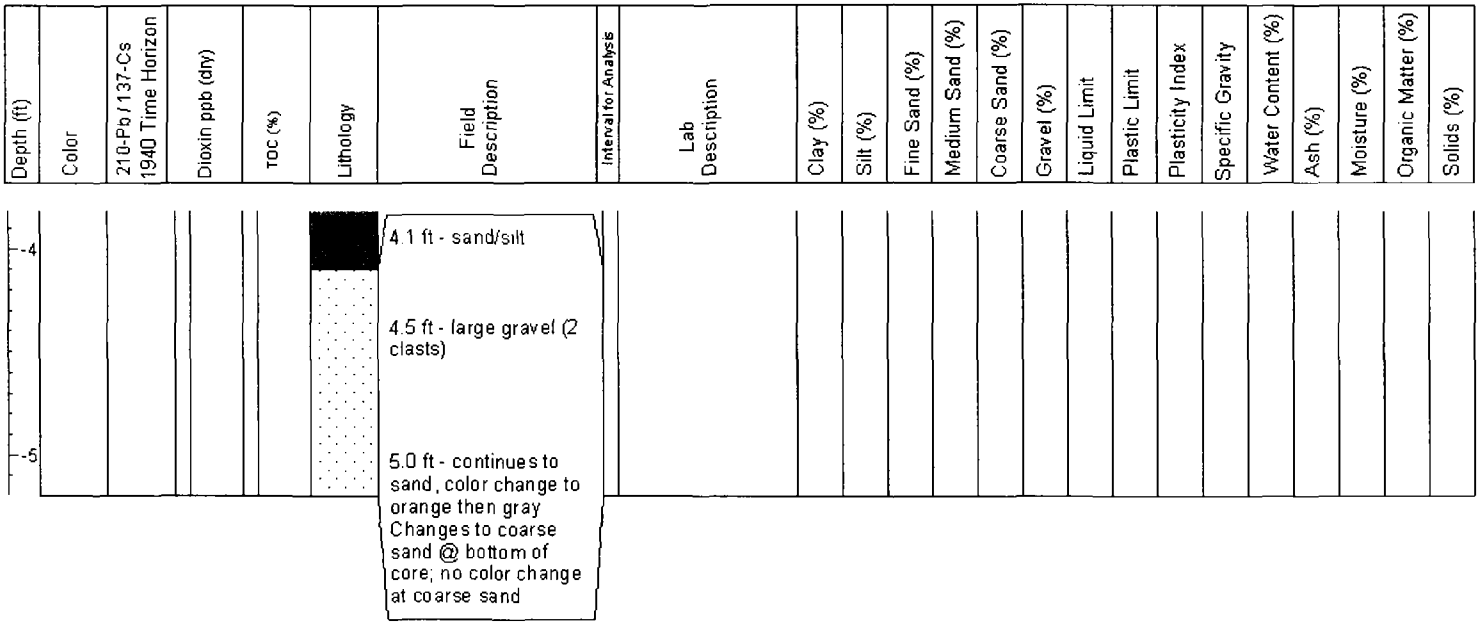
DATE: 4/05/05
TOTAL DEPTH: 4.9 ft

Depth (ft)	Color	210-Pb / 137-Cs 1940 Time Horizon	Dioxin ppb (dry)	TOC (%)	Lithology	Field Description	Interval for Analysis	Lab Description	Clay (%)	Silt (%)	Fine Sand (%)	Medium Sand (%)	Coarse Sand (%)	Gravel (%)	Liquid Limit	Plastic Limit	Plasticity Index	Specific Gravity	Water Content (%)	Ash (%)	Moisture (%)	Organic Matter (%)	Solids (%)
0						0.0 to 2.9 ft - Organic muck, black, strong odor, gas bubbles																	
-1						changes color to dk brown @ 2.5 ft																	
-2						starts to become more consolidated @ 2.9 ft																	
-3						2.9 to 3.3 ft - Organics, root @ 3.2 ft, dk brown color																	
						Organics @ 3.3 ft, black @ top, dk brown to 4.4 ft (clay very consolidated)																	

US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4502 (210-Pb, 137-Cs)
LOCATION (lat/long): 276024.4 334090.5

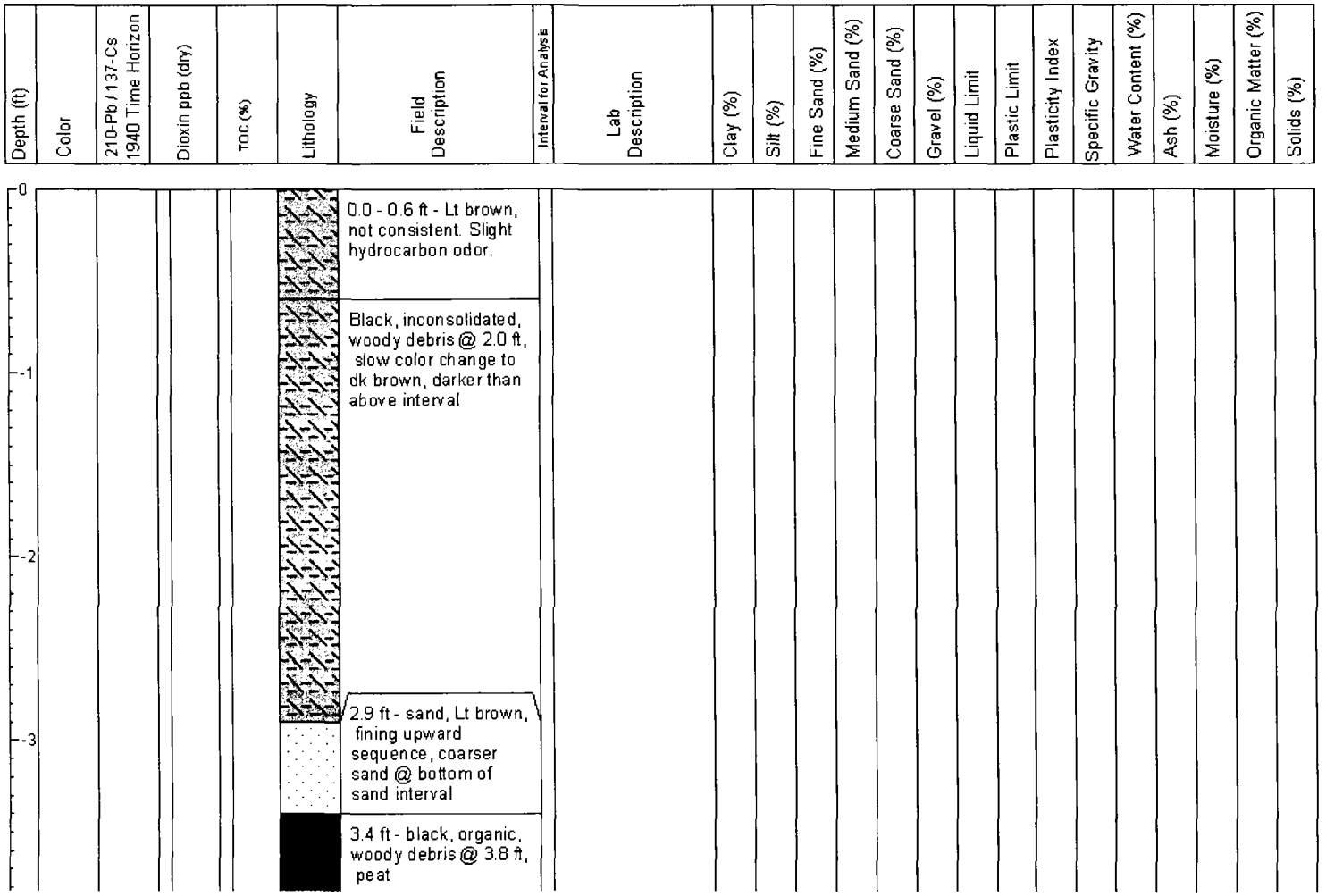
DATE: 4/05/05
TOTAL DEPTH: 5.2 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4502 (210-Pb, 137-Cs)
LOCATION (lat/long): 276024.4 334090.5

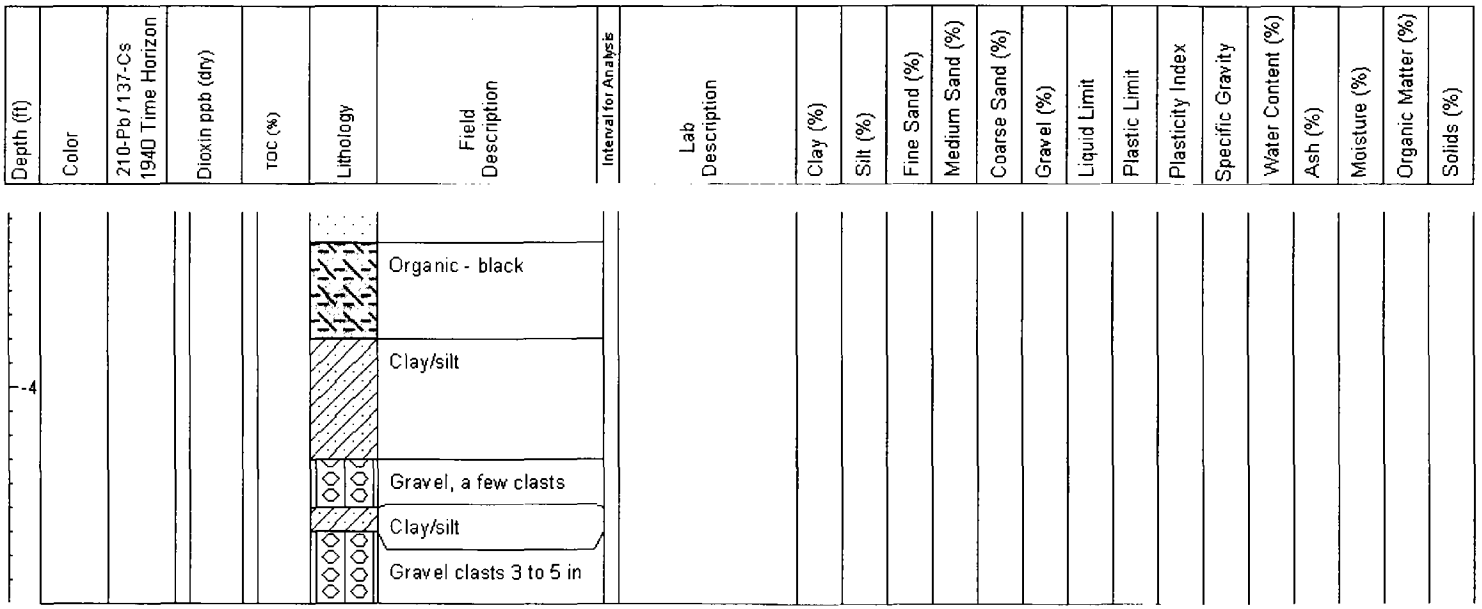
DATE: 4/05/05
TOTAL DEPTH: 5.2 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4502
LOCATION (lat/long): 276024.4 334090.5

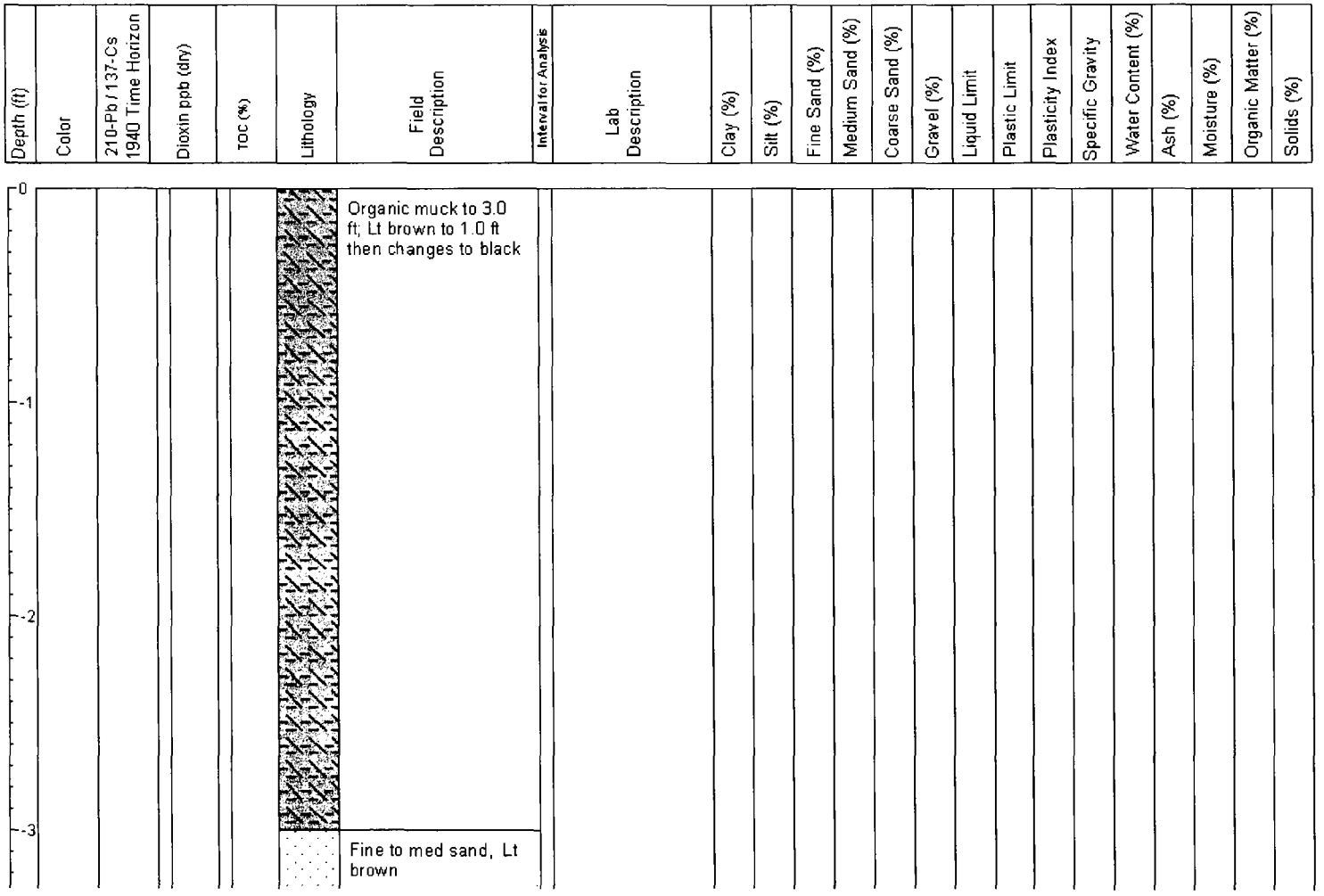
DATE: 4/05/05
TOTAL DEPTH: 4.9 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4502
LOCATION (lat/long): 276024.4 334090.5

DATE: 4/05/05
TOTAL DEPTH: 4.9 ft



US EPA ARCHIVE DOCUMENT

PROJECT NAME: Centredale Manor Restoration Project
LOCATION: Woonasquatucket River, North Providence, RI
BORING NUMBER: LPX-SD-4501
LOCATION (lat/long): 275773.0 334004.7

DATE: 4/05/05
TOTAL DEPTH: 2.8 ft

