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US ARMY CORPS
OF ENGINEERS
New England District

Contract No. DACW33-01-D-0004
Delivery Order No. 01
September 2004

Chemistry Data Report

Task RI-8 Sediment Investigation

Centredale Manor Restoration Project Superfund Site North Providence, Rhode Island

SDMS DocID 206721

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September 2, 2004

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 – Task RI-8 Combined Phase I/II Chemistry Data Report

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 results from the chemical testing of sediment core samples collected by USEPA/ERT in May 2003 at Allendale (Figure 1) and Lyman Mill (Figure 2) Ponds. Sediment core samples were processed by USACE/ERDC, and sub-samples were collected at various depth intervals for chemical and physical testing. Among all the sub-samples collected, selected samples were tested for dioxin/furans (Table 1), radioisotopes (Pb^{210} and Cs^{137}) (Table 2), total organic carbon (TOC) (Table 3), and geotechnical parameters (Table 4). The following laboratories performed sample testing.

Analysis Parameters	**Laboratory**	**Third Party Validator**
Dioxin/Furan	Battelle, Columbus, OH	USEPA Region 1
Radioisotope (^{210}Pb and ^{137}Cs activity)	Teledyne Brown Engineering, Knoxville, TN	Environmental Standards
TOC	Applied Marine Sciences, Inc.	
Geotechnical	Applied Marine Sciences, Inc.	Not applicable

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

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. Hardcopies of this data report have been sent directly to the Centredale project team. All data have been loaded into the Centredale database.

METHODS

Chemical analysis of sediment samples followed, with few exceptions, the methods defined in the Quality Assurance Project Plan (QAPP) Addendum (Battelle 2002a) and Addendum 2 (USEPA 2003) that were developed for this project. Exceptions included:

- **Sample Disposition**—The F-020 waste classification for Centredale wastes (i.e., unused samples and laboratory waste associated with the analysis of sediment samples) was removed by EPA effective December 19, 2003. As a result, Centredale wastes were disposed of in a routine manner.
- **Dioxin Testing**—Samples were analyzed for all 17 dioxin and furan congeners, rather than only for 2,3,7,8-TCDD.
- **Grain size Testing**—Samples for grain size testing were not selected until one year beyond the holding time, and as a result the holding time for this analysis was not met. Samples were held refrigerated from collection until analysis, and the impact on sample testing should be minimal.
- **Geotechnical Testing**—At the direction of USACE, selected samples were analyzed for geotechnical parameters not identified in the QAPP Addendum 2 (USEPA 2003). Parameters included water content by ASTM D2216, specific gravity by ADTM D854, Atterberg Limits by ASTM D4318, and moisture, ash and organic matter by ASTM D2974.

Pertinent information from the QAPP Addendum (Battelle 2002a) and Addendum 2 (USEPA 2003) should be reviewed to facilitate the inspection of the data. The information includes the target analytes and target detection limits[1], analytical measurement performance criteria (MPC)[2], data qualifiers[3], validator qualifiers[4] and abbreviations and definitions[5]. Chemistry results were evaluated against the MPCs and data qualifiers were applied when the analytical MPCs were exceeded.

RESULTS

This report is organized in five sections, as follows:

Section 1—Dioxin/Furan Results
Section 2—Radioisotope (^{210}Pb and ^{137}Cs Activity) Results
Section 3—Total Organic Carbon Content Results
Section 4—Geotechnical Results
Section 5—Third Party Validation Reports

Each section of one through four of this document is organized as follows:

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

1 QAPP Addendum, worksheet # 9b (pages 51-64 of 218); QAPP Addendum 2, worksheet #9b (pages 17-18 of 58)
2 QAPP Addendum, worksheets #24a (pages 123-133 of 218) and #24b (pages 134-144 of 218); QAPP Addendum 2, worksheets #24a (pages 43-45 of 58) and #24b (pages 46-48 of 58).
3 QAPP Addendum, worksheet # 9a (page 49 of 218)
4 Section 5 of this report
5 QAPP Addendum (pages 4 and 5)

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2. Summary report tables for all authentic samples presented on a dry weight concentration basis. Report tables follow electronic data deliverable (EDD) reporting format requirements.

3. Summary report tables for all QC samples presented on a concentration (blanks and laboratory duplicates), recovery (LCS, MS, MSD) and/or percent difference (SRM) basis. Report tables follow EDD reporting format requirements.

VALIDATION SUMMARY

All sample data received third party validation, except geotechnical data. 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).

Radioisotope and TOC test 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 5.

REFERENCES

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

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

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

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USEPA, 2003. Tasks 19-22 Quality Assurance Project Plan, Addendum 2 for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support. April 28, 2003. 58 pp + apps.

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.

Please do not hesitate to call me at (781) 952-5253 if you would like to discuss these data or if I can provide any further assistance.

Sincerely,

Deirdre Dahlen
Project Manager

Lisa Lefkovitz
Program Manager

encl.

cc: A. Krasko, USEPA (3 copies)
A. Beliveau, USEPA
A. Humphrey, USEPA/ERT
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M. Corcoran, USACE/ERDC
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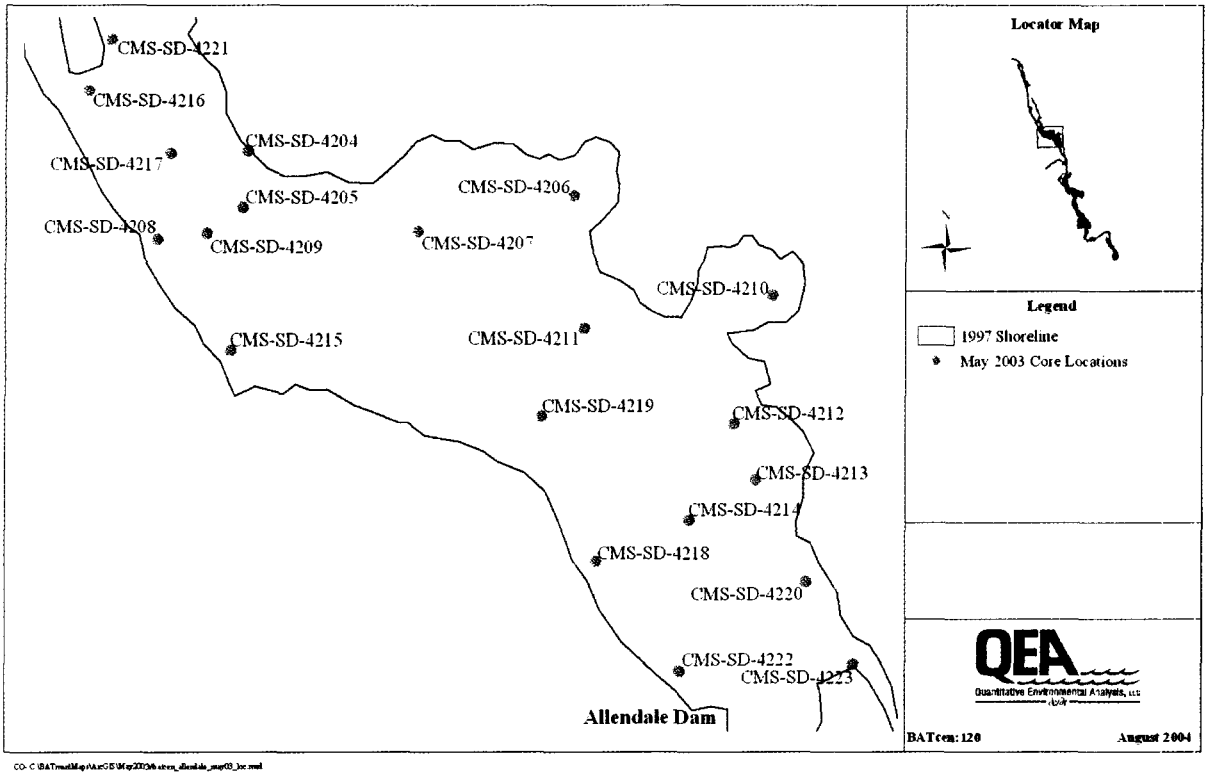


Figure 1. Locations of cores collected in Allendale Pond during May 2003.

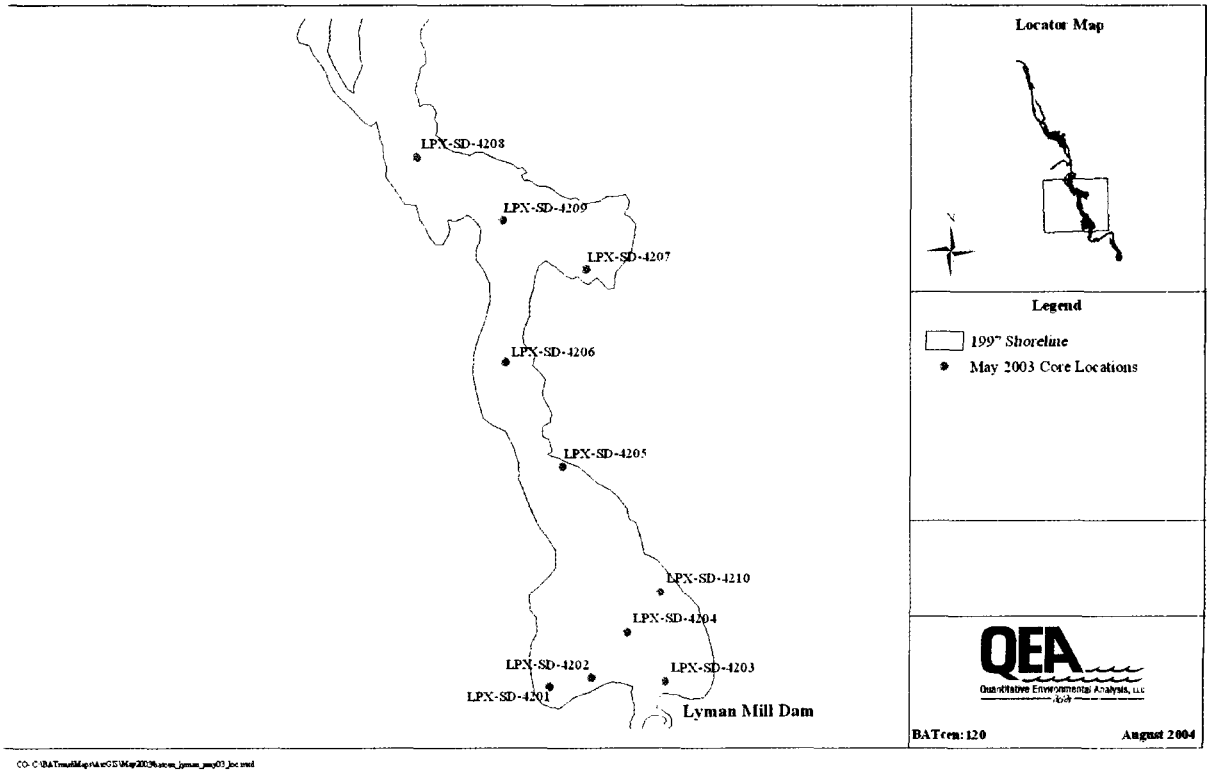


Figure 2. Locations of cores collected in Lyman Mill during May 2003.

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Table 1. Sediment samples, collected from Allendale and Lyman Mill Pond in May 2003, selected for Dioxin/Furan Testing.

Boring	Collection Date	Sample ID	Laboratory ID
CMS-SD-4204 (136c)	6-May-03	CMS-SD-4204-0005-0010	49715-51-14
		CMS-SD-4204-0055-0060	49715-51-16
		CMS-SD-4204-0200-0210	49715-51-15
CMS-SD-4206 (161a)	6-May-03	CMS-SD-4206-0035-0045	49715-51-18
		CMS-SD-4206-0105-0115	49715-51-17
		CMS-SD-4206-0140-0145	49715-51-19
CMS-SD-4209 (131b)	7-May-03	CMS-SD-4209-0035-0045	49715-51-05
		CMS-SD-4209-0065-0075	49715-51-06
		CMS-SD-4209-0160-0170	49715-51-07
CMS-SD-4210 (128c)	7-May-03	CMS-SD-4210-0030-0040	49715-51-02
		CMS-SD-4210-0080-0090	49715-51-03
		CMS-SD-4210-0200-0210	49715-51-04
CMS-SD-4212 (125a)	7-May-03	CMS-SD-4212-0000-0010	49715-59-05
		CMS-SD-4212-0055-0065	49715-59-03
		CMS-SD-4212-0125-0135	49715-59-04
CMS-SD-4213 (124a)	7-May-03	CMS-SD-4213-0035-0045	49715-51-20
		CMS-SD-4213-0055-0065	49715-59-02
		CMS-SD-4213-0115-0125	49715-51-21
CMS-SD-4218 (152a)	7-May-03	CMS-SD-4218-0035-0045	49715-51-12
		CMS-SD-4218-0070-0080	49715-51-13
		CMS-SD-4218-0150-0160	49715-51-11
CMS-SD-4219 (127a)	7-May-03	CMS-SD-4219-0035-0045	49715-51-08
		CMS-SD-4219-0075-0085	49715-51-10
		CMS-SD-4219-0145-0155	49715-51-09
CMS-SD-4220 (122a)	7-May-03	CMS-SD-4220-0030-0040	49715-59-12
		CMS-SD-4220-0060-0070	49715-59-11
		CMS-SD-4220-0120-0130	49715-59-13
CMS-SD-4222 (120a)	8-May-03	CMS-SD-4222-0025-0035	49715-59-18
		CMS-SD-4222-0085-0095	49715-59-17
		CMS-SD-4222-0125-0135	49715-59-07
LPX-SD-4201 (188a)	8-May-03	LPX-SD-4201-0035-0045	49715-59-20
		LPX-SD-4201-0095-0105	49715-59-21
		LPX-SD-4201-0125-0135	49715-59-16
LPX-SD-4207 (217a)	8-May-03	LPX-SD-4207-0000-0010	49715-71-02
		LPX-SD-4207-0110-0120	49715-59-19
LPX-SD-4208 (223a)	9-May-03	LPX-SD-4208-0000-0010	49715-59-10
		LPX-SD-4208-0120-0130	49715-71-03
		LPX-SD-4208-0190-0200	49715-59-09
LPX-SD-4209 (219a)	9-May-03	LPX-SD-4209-0000-0010	49715-59-15
		LPX-SD-4209-0145-0155	49715-59-14

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Table 2. Sediment samples, collected from Allendale and Lyman Mill Pond in May 2003, selected for Radioisotope (^{210}Pb and ^{137}Cs activity) Testing.

Boring	Collection Date	Sample ID	Laboratory ID
CMS-SD-4204 (136c)	6-May-03	CMS-SD-4204-0000-0005	L21372-10
		CMS-SD-4204-0010-0015	L21372-11
		CMS-SD-4204-0020-0025	L21372-12
		CMS-SD-4204-0030-0035	L21372-13
		CMS-SD-4204-0040-0045	L21372-14
		CMS-SD-4204-0050-0055	L21372-15
		CMS-SD-4204-0070-0075	L21372-16
		CMS-SD-4204-0090-0095	L21372-17
		CMS-SD-4204-0100-0105	L21372-18
CMS-SD-4206 (161a)	6-May-03	CMS-SD-4206-0000-0010	L21372-1
		CMS-SD-4206-0030-0035	L21372-2
		CMS-SD-4206-0050-0055	L21372-3
		CMS-SD-4206-0070-0075	L21372-4
		CMS-SD-4206-0090-0095	L21372-5
		CMS-SD-4206-0100-0105	L21372-6
		CMS-SD-4206-0115-0120	L21372-7
		CMS-SD-4206-0135-0140	L21372-40
		CMS-SD-4206-0220-0225	L21372-9
CMS-SD-4209 (131b)	7-May-03	CMS-SD-4209-0010-0015	L21374-13
		CMS-SD-4209-0025-0030	L21374-15
		CMS-SD-4209-0060-0065	L21374-11
		CMS-SD-4209-0090-0095	L21374-16
		CMS-SD-4209-0140-0145	L21374-14
		CMS-SD-4209-0170-0175	L21374-9
		CMS-SD-4209-0210-0215	L21374-8
		CMS-SD-4209-0250-0255	L21374-12
		CMS-SD-4209-0270-0275	L21374-10
CMS-SD-4210 (128c)	7-May-03	CMS-SD-4210-0010-0015	L21374-1
		CMS-SD-4210-0025-0030	L21374-2
		CMS-SD-4210-0040-0045	L21374-4
		CMS-SD-4210-0055-0060	L21374-5
		CMS-SD-4210-0070-0075	L21374-3
		CMS-SD-4210-0100-0105	L21374-6
		CMS-SD-4210-0150-0155	L21372-19
		CMS-SD-4210-0180-0185	L21372-20
		CMS-SD-4210-0240-0245	L21374-7
CMS-SD-4212 (125a)	7-May-03	CMS-SD-4212-0010-0015	L21378-18
		CMS-SD-4212-0030-0035	L21378-15
		CMS-SD-4212-0050-0055	L21378-16
		CMS-SD-4212-0070-0075	L21378-12
		CMS-SD-4212-0100-0105	L21378-7
		CMS-SD-4212-0120-0125	L21378-14
		CMS-SD-4212-0145-0150	L21378-6

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Table 2. (Cont).

Boring	Collection Date	Sample ID	Laboratory ID
CMS-SD-4212 (125a)	7-May-03	CMS-SD-4212-0190-0195	L21378-17
		CMS-SD-4212-0220-0225	L21378-13
CMS-SD-4213 (124a)	7-May-03	CMS-SD-4213-0010-0015	L21378-9
		CMS-SD-4213-0025-0030	L21378-10
		CMS-SD-4213-0030-0035	L21378-8
		CMS-SD-4213-0050-0055	L21379-3
		CMS-SD-4213-0070-0075	L21379-4
		CMS-SD-4213-0090-0095	L21378-11
		CMS-SD-4213-0110-0115	L21379-1
		CMS-SD-4213-0130-0135	L21379-2
		CMS-SD-4213-0160-0165	L21378-20
		CMS-SD-4213-0200-0205	L21378-19
		CMS-SD-4213-0230-0235	L21379-9
CMS-SD-4218 (152a)	7-May-03	CMS-SD-4218-0010-0015	L21376-4
		CMS-SD-4218-0030-0035	L21374-18
		CMS-SD-4218-0050-0055	L21376-1
		CMS-SD-4218-0085-0090	L21376-3
		CMS-SD-4218-0100-0105	L21376-2
		CMS-SD-4218-0140-0145	L21374-17
		CMS-SD-4218-0170-0175	L21374-20
		CMS-SD-4218-0190-0195	L21374-19
		CMS-SD-4218-0210-0215	L21376-5
CMS-SD-4219 (127a)	7-May-03	CMS-SD-4219-0030-0035	L21376-8
		CMS-SD-4219-0070-0075	L21376-11
		CMS-SD-4219-0100-0105	L21376-10
		CMS-SD-4219-0140-0145	L21376-9
		CMS-SD-4219-0170-0175	L21376-6
		CMS-SD-4219-0210-0215	L21376-7
CMS-SD-4222 (120a)	8-May-03	CMS-SD-4222-0010-0015	L21379-15
		CMS-SD-4222-0020-0025	L21379-8
		CMS-SD-4222-0040-0045	L21379-12
		CMS-SD-4222-0060-0065	L21379-7
		CMS-SD-4222-0080-0085	L21379-11
		CMS-SD-4222-0100-0105	L21379-5
		CMS-SD-4222-0120-0125	L21379-10
		CMS-SD-4222-0165-0170	L21379-14
		CMS-SD-4222-0210-0215	L21379-6
		CMS-SD-4222-0250-0255	L21379-13
LPX-SD-4201 (188a)	8-May-03	LPX-SD-4201-0010-0015	L21378-2
		LPX-SD-4201-0030-0035	L21376-14
		LPX-SD-4201-0060-0065	L21376-17
		LPX-SD-4201-0090-0095	L21379-20
		LPX-SD-4201-0115-0120	L21379-19
		LPX-SD-4201-0160-0165	L21378-5

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Table 2. (Cont).

Boring	Collection Date	Sample ID	Laboratory ID
LPX-SD-4201 (188a)	8-May-03	LPX-SD-4201-0200-0205	L21378-4
		LPX-SD-4201-0240-0245	L21378-3
		LPX-SD-4201-0280-0285	L21376-19
		LPX-SD-4201-0395-0400	L21376-15
LPX-SD-4204 (179a)	8-May-03	LPX-SD-4204-0190-0195	L21379-17
		LPX-SD-4204-0210-0215	L21379-18
		LPX-SD-4204-0230-0235	L21379-16
LPX-SD-4209 (219a)	9-May-03	LPX-SD-4209-0010-0015	L21376-13
		LPX-SD-4209-0110-0115	L21378-1
		LPX-SD-4209-0140-0145	L21376-20
		LPX-SD-4209-0180-0185	L21376-12
		LPX-SD-4209-0240-0245	L21376-18
		LPX-SD-4209-0335-0340	L21376-16

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Table 3. Sediment samples, collected from Allendale and Lyman Mill Pond in May 2003, selected for Total Organic Carbon Content Testing.

Boring	Collection Date	Sample ID	Laboratory ID
CMS-SD-4204 (136c)	6-May-03	CMS-SD-4204-0005-01	18456
		CMS-SD-4204-0510-01	18457
		CMS-SD-4204-1015-01	18458
		CMS-SD-4204-1518-01	18459
		CMS-SD-4204-1823-01	18460
CMS-SD-4205 (162a)	6-May-03	CMS-SD-4205-0005-01	18461
		CMS-SD-4205-0510-01	18462
		CMS-SD-4205-1017-01	18463
CMS-SD-4206 (161a)	6-May-03	CMS-SD-4206-0005-01	18523
		CMS-SD-4206-0510-01	18524
		CMS-SD-4206-1015-01	18525
CMS-SD-4207 (131c)	6-May-03	CMS-SD-4207-0005-01	18519
CMS-SD-4208 (131a)	7-May-03	CMS-SD-4208-0007-01	18532
CMS-SD-4209 (131b)	7-May-03	CMS-SD-4209-0005-01	18452
		CMS-SD-4209-0510-01	18504
		CMS-SD-4209-1015-01	18448
		CMS-SD-4209-1523-01	18506
		CMS-SD-4209-2836-01	18505
CMS-SD-4210 (128c)	7-May-03	CMS-SD-4210-0005-01	18450
		CMS-SD-4210-0510-01	18446
		CMS-SD-4210-1015-01	18449
		CMS-SD-4210-1518-01	18447
		CMS-SD-4210-1824-01	18451
CMS-SD-4211 (128a)	7-May-03	CMS-SD-4211-0005-01	18500
		CMS-SD-4211-0510-01	18499
		CMS-SD-4211-1014-01	18501
		CMS-SD-4211-1421-01	18502
		CMS-SD-4211-2125-01	18503
CMS-SD-4212 (125a)	7-May-03	CMS-SD-4212-0007-01	18484
		CMS-SD-4212-0725-01	18483
CMS-SD-4213 (124a)	7-May-03	CMS-SD-4213-0005-01	18482
		CMS-SD-4213-0508-01	18481
		CMS-SD-4213-0825-01	18480
CMS-SD-4214 (123a)	7-May-03	CMS-SD-4214-0005-01	18510
		CMS-SD-4214-0511-01	18508
		CMS-SD-4214-1122-01	18511
CMS-SD-4215 (128d)	7-May-03	CMS-SD-4215-0012-01	18471
		CMS-SD-4215-1218-01	18439
		CMS-SD-4215-1828-01	18440
CMS-SD-4216 (138a)	7-May-03	CMS-SD-4216-0020-01	18478
		CMS-SD-4216-2023-01	18479
		CMS-SD-4216-2332-01	18485

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Table 3. (Cont).

Boring	Collection Date	Sample ID	Laboratory ID
CMS-SD-4217 (136b)	7-May-03	CMS-SD-4217-0004-01	18469
		CMS-SD-4217-0409-01	18465
		CMS-SD-4217-0913-01	18466
		CMS-SD-4217-1320-01	18470
		CMS-SD-4217-2034-01	18512
CMS-SD-4218 (152a)	7-May-03	CMS-SD-4218-0010-01	18445
		CMS-SD-4218-1016-01	18443
		CMS-SD-4218-1621-01	18442
		CMS-SD-4218-2127-01	18441
		CMS-SD-4218-2737-01	18444
CMS-SD-4219 (127a)	7-May-03	CMS-SD-4219-0010-01	18474
		CMS-SD-4219-1017-01	18473
		CMS-SD-4219-1727-01	18472
CMS-SD-4220 (122a)	7-May-03	CMS-SD-4220-0006-01	18455
		CMS-SD-4220-0609-01	18454
		CMS-SD-4220-0921-01	18453
CMS-SD-4221 (167a)	8-May-03	CMS-SD-4221-0006-01	18507
		CMS-SD-4221-0626-01	18509
CMS-SD-4222 (120a)	8-May-03	CMS-SD-4222-0007-01	18464
		CMS-SD-4222-0710-01	18468
		CMS-SD-4222-1025-01	18467
CMS-SD-4223 (120b)	8-May-03	CMS-SD-4223-0004-01	18514
		CMS-SD-4223-1011-01	18516
LPX-SD-4201 (188a)	8-May-03	LPX-SD-4201-0010-01	18527
		LPX-SD-4201-1031-01	18531
		LPX-SD-4201-3136-01	18486
		LPX-SD-4201-3942-01	18526
LPX-SD-4202 (188b)	8-May-03	LPX-SD-4202-0005-01	18520
		LPX-SD-4202-3637-01	18521
		LPX-SD-4202-4042-01	18522
LPX-SD-4203 (188c)	8-May-03	LPX-SD-4203-0012-01	18528
		LPX-SD-4203-1225-01	18529
		LPX-SD-4203-3135-01	18530
		LPX-SD-4203-3537-01	18477
LPX-SD-4204 (179a)	8-May-03	LPX-SD-4204-0018-01	18488
		LPX-SD-4204-1824-01	18489
		LPX-SD-4204-2427-01	18490
		LPX-SD-4204-3438-01	18487
LPX-SD-4205 (199a)	8-May-03	LPX-SD-4205-0015-01	18492
		LPX-SD-4205-1523-01	18493
		LPX-SD-4205-2333-01	18494
LPX-SD-4206 (206a)	8-May-03	LPX-SD-4206-0009-01	18498
		LPX-SD-4206-1118-01	18491

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Table 3. (Cont).

Boring	Collection Date	Sample ID	Laboratory ID
LPX-SD-4207 (217a)	8-May-03	LPX-SD-4207-0009-01	18518
		LPX-SD-4207-0920-01	18517
LPX-SD-4208 (223a)	9-May-03	LPX-SD-4208-0011-01	18515
		LPX-SD-4208-1125-01	18513
LPX-SD-4209 (219a)	9-May-03	LPX-SD-4209-0008-01	18475
		LPX-SD-4209-0812-01	18476
		LPX-SD-4209-1226-01	18533
LPX-SD-4210 (193a)	9-May-03	LPX-SD-4210-0015-01	18497
		LPX-SD-4210-1523-01	18495
		LPX-SD-4210-2328-01	18496

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Table 4. Sediment samples, collected from Allendale and Lyman Mill Pond in May 2003, selected for Geotechnical Testing.

Boring	Collection Date	Sample ID	Laboratory ID	Geotechnical Testing Parameter (a)					Comment
				Water Content	Specific Gravity	Atterberg Limits	Grain Size	Moisture, Ash and Organic Matter	
CMS-SD-4204 (136c)	6-May-03	CMS-SD-4204-0005-01	18456	X	X	X	X	X	Samples 18456 and 18457 were combined and analyzed as one composite sample
		CMS-SD-4204-0510-01	18457						
CMS-SD-4206 (161a)	6-May-03	CMS-SD-4206-0510-01	18524	X	X	X	X	X	Samples 18524 and 18525 were combined and analyzed as one composite sample
		CMS-SD-4206-1015-01	18525						
CMS-SD-4207 (131c)	6-May-03	CMS-SD-4207-0510-01	19778				X		
CMS-SD-4208 (131a)	7-May-03	CMS-SD-4208-0007-01	18532				X		
CMS-SD-4209 (131b)	7-May-03	CMS-SD-4209-0005-01	18452	X	X	X	X	X	
		CMS-SD-4209-0510-01	18504	X	X	X	X	X	
CMS-SD-4210 (128c)	7-May-03	CMS-SD-4210-0005-01	18450	X	X	X	X	X	
		CMS-SD-4210-1518-01	18447	X		X			
CMS-SD-4211 (128a)	7-May-03	CMS-SD-4211-0005-01	18500	X	X	X	X	X	
		CMS-SD-4211-2534-01	19789				X		
CMS-SD-4212 (125a)	7-May-03	CMS-SD-4212-0007-01	18484	X	X	X	X	X	
CMS-SD-4213 (124a)	7-May-03	CMS-SD-4213-0005-01	18482	X	X	X	X	X	Samples 18482 and 18481 were combined and analyzed as one composite sample
		CMS-SD-4213-0508-01	18481						
		CMS-SD-4213-0825-01	18480			X	X	X	

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Table 4. (Cont).

Boring	Collection Date	Sample ID	Laboratory ID	Geotechnical Testing Parameter (a)					Comment
				Water Content	Specific Gravity	Atterberg Limits	Grain Size	Moisture, Ash and Organic Matter	
CMS-SD-4214 (123a)	7-May-03	CMS-SD-4214-0005-01	18510				X		
		CMS-SD-4214-0511-01	18508	X	X	X		X	
CMS-SD-4215 (128d)	7-May-03	CMS-SD-4215-0012-01	18471	X	X	X	X	X	
CMS-SD-4216 (138a)	7-May-03	CMS-SD-4216-0020-01	18478	X	X	X	X	X	
CMS-SD-4217 (136b)	7-May-03	CMS-SD-4217-0004-01	18469	X	X	X	X	X	
		CMS-SD-4217-0409-01	18465				X		
		CMS-SD-4217-1320-01	18470			X			
CMS-SD-4218 (152a)	7-May-03	CMS-SD-4218-0010-01	18445	X	X	X	X	X	
CMS-SD-4219 (127a)	7-May-03	CMS-SD-4219-0010-01	18474	X	X		X	X	
		CMS-SD-4219-1017-01	18473			X		X	
		CMS-SD-4219-1727-01	18472				X		
CMS-SD-4220 (122a)	7-May-03	CMS-SD-4220-0006-01	18455	X	X	X	X	X	
CMS-SD-4221 (167a)	8-May-03	CMS-SD-4221-0626-01	18509	X	X	X	X	X	

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Table 4. (Cont).

Boring	Collection Date	Sample ID	Laboratory ID	Geotechnical Testing Parameter (a)					Comment
				Water Content	Specific Gravity	Atterberg Limits	Grain Size	Moisture, Ash and Organic Matter	
CMS-SD-4222 (120a)	8-May-03	CMS-SD-4222-0007-01	18464	X	X		X	X	
		CMS-SD-4222-1025-01	18467			X	X	X	
CMS-SD-4223 (120b)	8-May-03	CMS-SD-4223-0004-01	18514	X	X			X	
LPX-SD-4201 (188a)	8-May-03	LPX-SD-4201-0010-01	18527	X	X	X		X	
		LPX-SD-4201-1031-01	18531	X	X	X	X	X	
		LPX-SD-4201-3136-01	18486			X			
LPX-SD-4202 (188b)	8-May-03	LPX-SD-4202-0005-01	18520				X		
LPX-SD-4203 (188c)	8-May-03	LPX-SD-4203-0012-01	18528	X	X	X	X	X	
LPX-SD-4204 (179a)	8-May-03	LPX-SD-4204-0018-01	18488	X	X	X	X	X	
LPX-SD-4205 (199a)	8-May-03	LPX-SD-4205-0015-01	18492	X	X	X	X	X	
		LPX-SD-4205-1523-01	18493	X	X	X	X	X	
LPX-SD-4206 (206a)	8-May-03	LPX-SD-4206-0009-01	18498	X	X	X	X	X	
		LPX-SD-4206-1118-01	18491	X	X			X	
		LPX-SD-4206-1823-01	19788				X		
LPX-SD-4207 (217a)	8-May-03	LPX-SD-4207-0009-01	18518	X	X	X			
LPX-SD-4208 (223a)	9-May-03	LPX-SD-4208-0011-01	18515	X	X	X	X	X	
		LPX-SD-4208-1125-01	18513	X	X	X	X	X	
LPX-SD-4209 (219a)	9-May-03	LPX-SD-4209-0008-01	18475	X	X		X	X	
		LPX-SD-4209-0812-01	18476			X		X	
		LPX-SD-4209-1226-01	18533	X	X		X	X	
		LPX-SD-4209-2634-01	19777			X			
LPX-SD-4210 (193a)	9-May-03	LPX-SD-4210-0015-01	18497	X	X		X	X	
		LPX-SD-4210-1523-01	18495			X			

(a) 'X' indicates that sample was tested for the identified geotechnical parameter.

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SECTION 1

Section 1
Dioxin/Furan Results

QA/QC Narratives
Sediment and QC Results

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QA/QC Narratives

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DIOXIN/FURAN SOIL QA/QC SUMMARY
QC Batch 49715-51

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: TCDD by High Resolution Mass Spectrometry (HRMS)

LABORATORY: Battelle, Columbus, OH

MATRIX: Sediment

SAMPLE CUSTODY: Forty sediment samples were received at Battelle Columbus on September 5, 2003. The sediment samples were processed for Dioxin/Furan analyses.

Samples were received in good condition and the cooler temperature upon receipt was 3.2°C. Twenty of the soils were processed in QC Batch 49715-51. The remaining soils will be reported separately.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS/ MSD Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved EDL (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/MSD:* 50-120% Recovery [b]	≤30% PD[b]	≤30% RPD[b, d]	TCDD: 0.29 – 3.85	TCDD : 0.008 – 0.587

[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 Task 22 Draft QAPP (9/2202) and as summarized below. TCDD was the only required analyte for this set; however, data was determined for all seventeen 2,3,7,8-PCDD/PCDF.

Sample Preparation – Twenty of the forty samples were processed in BATCH 49715-51. All samples were centrifuged and the water layer decanted off, then 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 twenty 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. The samples were ASE extracted using dichloromethane. Each extract was processed through GPC cleanup and then spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was 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 column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF. Since TCDF was not a required analyte for this set, no second column confirmations were performed.

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 soil 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 one additional calibration standard at concentrations equivalent to ½ the level of Method 1613's lowest calibration point. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 3.6822 g of soil and a final sample volume of 20 µL: 1.36 to 1,090 pg/g dry for tetra compounds, 6.79 to 5,430 pg/g dry for penta through hepta compounds, and 13.6 to 10,900 pg/g dry for octa compounds.

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

HOLDING TIMES: Samples for Batch 49715-51 were extracted within 12 days of receipt at the laboratory and completely analyzed within 15 days of extraction.

Batch	Extraction Date	Analysis Date
49715-51	9/17/2003	9/29-10/02/2003

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

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

Where,
Concentration in low standard = 0.25 to 2.5 pg/µL
Final Extract Volume = 20 µL
Dilution Factor = documented in project file
Sample Size = approximately 3.6-g dry

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.

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49715-51– OCDD and OCDF were detected at a trace level; however, the levels detected were below the reporting level.

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

49715-51– 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.

49715-51– 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 1 - 11%.

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).

49715-51– Recoveries of internal standards were within 25-150% for most analytes in all samples. Seven samples (CMS-SD-4210-0030-0040, CMS-SD-4210-0200-0210, CMS-SD-4209-0065-0075, CMS-SD-4209-0160-0170, CMS-SD-4219-0035-0045, CMS-SD-4218-0150-0160, and CMS-SD-4204-0055-0060) had a low recovery for $^{13}C_{12}$-2,3,4,7,8-TCDF and one sample (CMS-SD-4204-0005-0010) had high recoveries for $^{13}C_{12}$-1,2,3,4,6,7,8-HpCDD, $^{13}C_{12}$-OCDD, $^{13}C_{12}$-1,2,3,7,8,9-HxCDF, $^{13}C_{12}$-1,2,3,4,6,7,8-HpDF, and $^{13}C_{12}$-1,2,3,4,7,8,9-HpCDF.

SRM: A standard reference material (CIL EDF 2513) 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.

49715-51– All analytes in the SRM were found to be within the limit of 30% difference from consensus values.

REFERENCES:

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

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DIOXIN/FURAN SOIL QA/QC SUMMARY
QC Batch 49715-59

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: TCDD by High Resolution Mass Spectrometry (HRMS)

LABORATORY: Battelle, Columbus, OH

MATRIX: Sediment

SAMPLE CUSTODY: Forty sediment samples were received at Battelle Columbus on September 5, 2003. The sediment samples were processed for Dioxin/Furan analyses.

Samples were received in good condition and the cooler temperature upon receipt was 3.2°C. Twenty of the soils were processed in QC Batch 49715-59. The remaining soils will be reported separately.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS/ MSD Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved EDL (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/MSD:* 50-120% Recovery [b]	≤30% PD[b]	≤30% RPD[b, d]	TCDD: 0.39 – 5.70	TCDD : 0.008 – 0.587

[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 Task 22 Draft QAPP (9/22/02) and as summarized below. TCDD was the only required analyte for this set; however, data was determined for all seventeen 2,3,7,8-PCDD/PCDF.

Sample Preparation – Twenty of the forty samples were processed in BATCH 49715-59. All samples were centrifuged and the water layer decanted off, then 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 twenty 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. The samples were ASE extracted using dichloromethane. Each extract was processed through GPC cleanup and then spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was 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.

Upon initial analysis, two samples had low internal standard recoveries. The forward fractions from the carbon column for these two samples were put through another carbon column cleanup and added to the original extracts. These samples were them re-analyzed. The chromatography for these two re-analyses did not allow for quantitation of the target analyte, therefore, the original run results have been reported. These two samples are being re-extracted and re-analyzed. An additional report with the results will be sent separately.

PCDD/PCDF Analysis – Each extract was analyzed by gas chromatography/high resolution mass spectrometry (GC/HRMS) in the selected ion-monitoring mode at a resolution of 10,000 or greater. A DB5 column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF. Since TCDF was not a required analyte for this set, no second column confirmations were performed.

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 soil 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 one additional calibration standard at concentrations equivalent to ½ the level of Method 1613's lowest calibration point. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 3.2753 g of soil and a final sample volume of 20 µL: 1.53 to 1,220 pg/g dry for tetra compounds, 7.63 to 6,110 pg/g dry for penta through hepta compounds, and 15.3 to 12,200 pg/g dry for octa compounds.

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

HOLDING TIMES:

Samples for Batch 49715-59 were extracted within 12 days of receipt at the laboratory and completely analyzed within 19 days of extraction.

Batch	Extraction Date	Analysis Date
49715-59	9/17/2003	10/04-06/2003

DETECTION LIMITS:

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

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

Where,
Concentration in low standard = 0.25 to 2.5 pg/µL

Final Extract Volume = 20 µL
Dilution Factor = documented in project file
Sample Size = approximately 3.6-g dry

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.

49715-59– Several analytes were detected at a trace level; however, the levels detected were below the reporting level.

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

49715-59– 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.

49715-59– 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 - 19%.

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).

49715-59– Recoveries of internal standards were within 25-150% for all analytes in all samples except for samples CSM-SD-4212-0000-0010, LPX-SD-4207-0000-0010, CMS-SD-4220-0030-0040, and LPX-SD-4208-0120-0130. The recovery for $^{13}C_{12}$-2,3,7,8-TCDF in sample CMS-SD-4212-0000-0010 was below the recovery limit; however, this is not one of the target analytes. The recoveries for $^{13}C_{12}$-1,2,3,4,7,8-HxCDD,$^{13}C_{12}$-2,3,7,8-TCDF and $^{13}C_{12}$-1,2,3,6,7,8--HxCDF in sample CMS-SD-4220-0030-0040 were below the recovery limit; however, these are not among the target analytes. The recoveries for $^{13}C_{12}$-2,3,7,8-TCDD in samples LPX-SD-4207-0000-0010 and LPX-SD-4208-0120-0130 are below the 25% limit. Column rinses from these two samples were reprocessed to try to improve recovery; however, this resulted in extracts with very poor chromatography. These two samples will be re-extracted and reported separately.

SRM: A standard reference material (CIL EDF 2513) 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.

49715-59– All analytes in the SRM were found to be within the limit of 30% difference from consensus values.

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

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DIOXIN/FURAN SEDIMENT QA/QC SUMMARY
QC Batch 49715-71

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: TCDD by High Resolution Mass Spectrometry (HRMS)

LABORATORY: Battelle, Columbus, OH

MATRIX: Sediment

SAMPLE CUSTODY: Forty sediment samples were received at Battelle Columbus on September 5, 2003. The sediment samples were processed for Dioxin/Furan analyses.

Samples were received in good condition and the cooler temperature upon receipt was 3.2°C. Two of the sediments were processed in QC Batch 49715-71. The remaining sediments will be reported separately.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS/ MSD Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved EDL (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/MSD:* 50-120% Recovery [b]	≤30% PD[b]	≤30% RPD[b, d]	TCDD: 0.39 – 5.70	TCDD : 0.008 – 0.587

[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 Task 22 Draft QAPP (9/22/02) and as summarized below. TCDD was the only required analyte for this set; however, data was determined for all seventeen 2,3,7,8-PCDD/PCDF.

Sample Preparation – Two of the forty samples were processed in BATCH 49715-71. All samples were centrifuged and the water layer decanted off, then aliquots of each sediment sample were weighed into individual jars and mixed with Hydromatrix drying agent. Approximately 10 g wet weight of T2153 and 4 g wet weight of T2164 were used. The two 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. The samples were ASE extracted using dichloromethane. Each extract was processed through GPC cleanup and then spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each extract was processed through acid silica, 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 column was used for initial analysis of the seventeen 2,3,7,8-PCDD/PCDF. Since TCDF was not a required analyte for this set, no second column confirmations were performed.

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 soil 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 one additional calibration standard at concentrations equivalent to ½ the level of Method 1613's lowest calibration point. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 2.7426 g of sediment and a final sample volume of 20 µL: 1.82 to 1,460 pg/g dry for tetra compounds, 9.11 to 7,290 pg/g dry for penta through hepta compounds, and 18.2 to 14,600 pg/g dry for octa compounds.

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

HOLDING TIMES:

Samples for Batch 49715-71 were re-extracted within 5 weeks of receipt at the laboratory and completely analyzed within 7 days of extraction.

Batch	Extraction Date	Analysis Date
49715-71	10/17/2003	10/23/2003

DETECTION LIMITS:

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

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

Where,
Concentration in low standard = 0.25 to 2.5 pg/µL
Final Extract Volume = 20 µL
Dilution Factor = documented in project file
Sample Size = approximately 2.7-g dry

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.

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49715-71– A few analytes were detected at a trace level; however, the levels detected were below the reporting level.

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

49715-71– 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.

49715-71– For PCDD/PCDF, the matrix spike and matrix spike duplicate recoveries for analytes spiked >5x background were within the 50-120% limits, except for three analytes in the MSD, which are slightly above the limit. The RPD between duplicates for PCDD/PCDF analytes >5x background ranged from 0 - 16%.

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).

49715-71– Recoveries of internal standards were within 25-150% for all analytes in all samples.

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.

49715-71– All certified analytes in the SRM were found to be within the limit of 30% difference from certified values, except OCDD which has PD of 34%.

REFERENCES:

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

QUALITY ASSURANCE STATEMENT

Project Title: USACE NAE Centredale Delivery Order #1 Sediment Samples for Dioxin/Furan Data, Batch 2 of 2

Project Number: G487002-RI82

Description of Data: Sediment samples for Dioxin/Furan data

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

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

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

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

Description of outstanding issues or deficiencies which may affect data quality:
1) Minor QC issues were submitted to the analytical staff for correction, no outstanding issues present.

Zachary Willenberg
Quality Assurance Auditor
Atmospheric Science and Applied Technology
Battelle

10-16-03
Date

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QUALITY ASSURANCE STATEMENT

Project Title: **USACE NAE Centredale Delivery Order #1 Sediment Sample Re-Extractions for Dioxin/Furan Data**

Project Number: **G487002-RI82**

Description of Data: **Sediment sample re-extractions for Dioxin/Furan data**

Description of audit and review activities:

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

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

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

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

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

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

Zachary Willenberg
Quality Assurance Auditor
Atmospheric Science and Applied Technology
Battelle

11-5-03
Date

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Sediment and QC Results

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-51-26	DIOX	2,3,7,8-TCDD	49715-51-26	1746-01-6	0.35	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,7,8-PeCDD	49715-51-26	40321-76-4	0.37	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,4,7,8-HxCDD	49715-51-26	39227-28-6	0.29	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,6,7,8-HxCDD	49715-51-26	57653-85-7	0.30	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,7,8,9-HxCDD	49715-51-26	19408-74-3	0.29	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,4,6,7,8-HpCDD	49715-51-26	35822-46-9	0.23	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	OCDD	49715-51-26	3268-87-9	2.38		PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	2,3,7,8-TCDF	49715-51-26	51207-31-9	0.34	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,7,8-PeCDF	49715-51-26	57117-41-6	0.50	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	2,3,4,7,8-PeCDF	49715-51-26	57117-31-4	0.44	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,4,7,8-HxCDF	49715-51-26	70648-26-9	0.26	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,6,7,8-HxCDF	49715-51-26	57117-44-9	0.25	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,7,8,9-HxCDF	49715-51-26	72918-21-9	0.29	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	2,3,4,6,7,8-HxCDF	49715-51-26	60851-34-5	0.26	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,4,6,7,8-HpCDF	49715-51-26	67562-39-4	0.40	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	1,2,3,4,7,8,9-HpCDF	49715-51-26	55673-89-7	0.42	U	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	OCDF	49715-51-26	39001-02-0	0.34	J	PG/G_DRYWT		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-2,3,7,8-TCDD	49715-51-26	76523-40-5	62		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,7,8-PeCDD	49715-51-26	109719-79-1	79		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-51-26	109719-80-4	81		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-51-26	109719-81-5	85		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-51-26	109719-83-7	103		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-OCDD	49715-51-26	114423-97-1	111		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-2,3,7,8-TCDF	49715-51-26	89059-46-1	61		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,7,8-PeCDF	49715-51-26	109719-77-9	73		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-2,3,4,7,8-PeCDF	49715-51-26	116843-02-8	80		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-51-26	114423-98-2	86		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-51-26	116843-03-9	87		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-51-26	116843-04-0	88		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-51-26	116843-05-1	89		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-51-26	116843-09-5	101		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-51-26	109719-94-0	110		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03
49715-51-26	DIOX	37Cl-2,3,7,8-TCDD	49715-51-26	85508-50-5	70		PCT_REC		49715-51	BCO	49715-51-26		17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-51-26	29-Sep-03	MOD 1613B	0.35	1.39		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.37	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.29	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.30	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.29	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.23	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.20	13.88		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.34	1.39		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.50	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.44	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.26	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.25	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.29	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.26	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.40	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.42	6.94		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B	0.44	13.88		1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			
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49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			
49715-51-26	29-Sep-03	MOD 1613B				1	35.84	Lab Login ID = 49979-17-02	3	MB			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4210-0030-0040	DIOX	2,3,7,8-TCDD	CMS-SD-4210-0030-0040	1746-01-6	1666.17	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4210-0030-0040	40321-76-4	10.34	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4210-0030-0040	39227-28-6	11.91	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4210-0030-0040	57653-85-7	37.80	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4210-0030-0040	19408-74-3	37.66	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4210-0030-0040	35822-46-9	765.98	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	OCDD	CMS-SD-4210-0030-0040	3268-87-9	5295.67	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	2,3,7,8-TCDF	CMS-SD-4210-0030-0040	51207-31-9	27.11	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4210-0030-0040	57117-41-6	4.31	JD	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4210-0030-0040	57117-31-4	10.42	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4210-0030-0040	70648-26-9	19.85	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4210-0030-0040	57117-44-9	18.70	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4210-0030-0040	72918-21-9	1.99	JD	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4210-0030-0040	60851-34-5	14.94	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4210-0030-0040	67562-39-4	232.68	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4210-0030-0040	55673-89-7	14.77	JD	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	OCDF	CMS-SD-4210-0030-0040	39001-02-0	494.57	D	PG/G_DRYWT		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4210-0030-0040	76523-40-5	43	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4210-0030-0040	109719-79-1	74	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4210-0030-0040	109719-80-4	76	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4210-0030-0040	109719-81-5	89	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4210-0030-0040	109719-83-7	97	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-OCDD	CMS-SD-4210-0030-0040	114423-97-1	93	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4210-0030-0040	89059-46-1	24	&D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4210-0030-0040	109719-77-9	77	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4210-0030-0040	116843-02-8	71	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4210-0030-0040	114423-98-2	76	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4210-0030-0040	116843-03-9	74	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4210-0030-0040	116843-04-0	87	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4210-0030-0040	116843-05-1	82	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4210-0030-0040	116843-09-5	92	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4210-0030-0040	109719-94-0	89	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03
CMS-SD-4210-0030-0040	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4210-0030-0040	85508-50-5	52	D	PCT_REC		49715-51	BCO	49715-51-02	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	3.85	3.10		3	51.97	Lab Login ID = 49913-37-02	3	N	1666.17		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	3.65	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	10.34	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	1.20	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	11.91	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	1.11	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	37.8		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	1.12	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	37.66		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	15.64	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	765.98		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	3.01	30.95		3	51.97	Lab Login ID = 49913-37-02	3	N	5295.67		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	4.44	3.10		3	51.97	Lab Login ID = 49913-37-02	3	N	27.11	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	8.25	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	4.31	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	8.80	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	10.42	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	2.24	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	19.85	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	2.48	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	18.7		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	2.38	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	1.99	U	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	3.24	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	14.94	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	14.96	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	232.68		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	17.37	15.48		3	51.97	Lab Login ID = 49913-37-02	3	N	14.77	J	
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B	2.69	30.95		3	51.97	Lab Login ID = 49913-37-02	3	N	494.57		
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			
CMS-SD-4210-0030-0040	2-Oct-03	MOD 1613B				3	51.97	Lab Login ID = 49913-37-02	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4210-0080-0090	DIOX	2,3,7,8-TCDD	CMS-SD-4210-0080-0090	1746-01-6	3723.82		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4210-0080-0090	40321-76-4	13.79		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4210-0080-0090	39227-28-6	14.97		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4210-0080-0090	57653-85-7	55.57		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4210-0080-0090	19408-74-3	48.53		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4210-0080-0090	35822-46-9	1191.62		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	OCDD	CMS-SD-4210-0080-0090	3268-87-9	8298.03		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	2,3,7,8-TCDF	CMS-SD-4210-0080-0090	51207-31-9	43.40		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4210-0080-0090	57117-41-6	9.36		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4210-0080-0090	57117-31-4	16.62		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4210-0080-0090	70648-26-9	31.23		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4210-0080-0090	57117-44-9	26.91		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4210-0080-0090	72918-21-9	0.36		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4210-0080-0090	60851-34-5	20.54		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4210-0080-0090	67562-39-4	314.41		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4210-0080-0090	55673-89-7	14.64		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	OCDF	CMS-SD-4210-0080-0090	39001-02-0	712.61		PG/G_DRYWT		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4210-0080-0090	76523-40-5	43		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4210-0080-0090	109719-79-1	86		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4210-0080-0090	109719-80-4	85		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4210-0080-0090	109719-81-5	77		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4210-0080-0090	109719-83-7	124		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-OCDD	CMS-SD-4210-0080-0090	114423-97-1	129		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4210-0080-0090	89059-46-1	26		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4210-0080-0090	109719-77-9	79		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4210-0080-0090	116843-02-8	77		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4210-0080-0090	114423-98-2	111		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4210-0080-0090	116843-03-9	113		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4210-0080-0090	116843-04-0	125		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4210-0080-0090	116843-05-1	118		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4210-0080-0090	116843-09-5	118		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4210-0080-0090	109719-94-0	122		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03
CMS-SD-4210-0080-0090	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4210-0080-0090	85508-50-5	59		PCT_REC		49715-51	BCO	49715-51-03	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.46	1.17		1	57.58	Lab Login ID = 49913-37-03	3	N	3723.82	J	
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.98	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	13.79		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.53	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	14.97		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.57	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	55.57		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.54	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	48.53		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.34	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	1191.62		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.37	11.70		1	57.58	Lab Login ID = 49913-37-03	3	N	8298.03		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.66	1.17		1	57.58	Lab Login ID = 49913-37-03	3	N	43.4		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	4.73	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	9.36		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	5.04	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	16.62		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.32	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	31.23		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.32	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	26.91		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.27	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	0.36	J	
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.32	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	20.54		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	1.97	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	314.41		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	2.30	5.85		1	57.58	Lab Login ID = 49913-37-03	3	N	14.64		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B	0.59	11.70		1	57.58	Lab Login ID = 49913-37-03	3	N	712.61		
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			
CMS-SD-4210-0080-0090	29-Sep-03	MOD 1613B				1	57.58	Lab Login ID = 49913-37-03	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4210-0200-0210	DIOX	2,3,7,8-TCDD	CMS-SD-4210-0200-0210	1746-01-6	26.41	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4210-0200-0210	40321-76-4	3.36	UD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4210-0200-0210	39227-28-6	1.36	UD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4210-0200-0210	57653-85-7	1.60	UD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4210-0200-0210	19408-74-3	1.43	UD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4210-0200-0210	35822-46-9	13.28	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	OCDD	CMS-SD-4210-0200-0210	3268-87-9	102.53	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	2,3,7,8-TCDF	CMS-SD-4210-0200-0210	51207-31-9	14.28	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4210-0200-0210	57117-41-6	2.71	JD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4210-0200-0210	57117-31-4	2.99	JD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4210-0200-0210	70648-26-9	2.98	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4210-0200-0210	57117-44-9	2.99	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4210-0200-0210	72918-21-9	0.77	JD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4210-0200-0210	60851-34-5	2.84	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4210-0200-0210	67562-39-4	14.02	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4210-0200-0210	55673-89-7	3.08	JD	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	OCDF	CMS-SD-4210-0200-0210	39001-02-0	20.12	D	PG/G_DRYWT		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4210-0200-0210	76523-40-5	30	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4210-0200-0210	109719-79-1	77	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4210-0200-0210	109719-80-4	112	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4210-0200-0210	109719-81-5	73	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4210-0200-0210	109719-83-7	125	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-OCDD	CMS-SD-4210-0200-0210	114423-97-1	115	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4210-0200-0210	89059-46-1	16	&D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4210-0200-0210	109719-77-9	72	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4210-0200-0210	116843-02-8	68	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4210-0200-0210	114423-98-2	101	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4210-0200-0210	116843-03-9	96	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4210-0200-0210	116843-04-0	125	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4210-0200-0210	116843-05-1	107	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4210-0200-0210	116843-09-5	124	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4210-0200-0210	109719-94-0	125	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03
CMS-SD-4210-0200-0210	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4210-0200-0210	85508-50-5	33	D	PCT_REC		49715-51	BCO	49715-51-04	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	3.46	4.37		3	65.69	Lab Login ID = 49913-37-04	3	N	26.41		
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	3.36	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	3.36	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.36	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	1.36	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.60	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	1.6	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.43	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	1.43	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	7.78	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	13.28	J	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	3.41	43.71		3	65.69	Lab Login ID = 49913-37-04	3	N	102.53		
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	7.09	4.37		3	65.69	Lab Login ID = 49913-37-04	3	N	14.28	J	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	3.12	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	2.71	J	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	3.28	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	2.99	J	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.26	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	2.98	UJ	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.47	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	2.99	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.10	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	0.77	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	1.42	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	2.84	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	9.09	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	14.02	J	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	10.43	21.85		3	65.69	Lab Login ID = 49913-37-04	3	N	3.08	J	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B	2.85	43.71		3	65.69	Lab Login ID = 49913-37-04	3	N	20.12	U	
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			
CMS-SD-4210-0200-0210	2-Oct-03	MOD 1613B				3	65.69	Lab Login ID = 49913-37-04	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4209-0035-0045	DIOX	2,3,7,8-TCDD	CMS-SD-4209-0035-0045	1746-01-6	3479.12		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4209-0035-0045	40321-76-4	5.67		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4209-0035-0045	39227-28-6	8.39		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4209-0035-0045	57653-85-7	42.89		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4209-0035-0045	19408-74-3	35.15		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4209-0035-0045	35822-46-9	996.71		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	OCDD	CMS-SD-4209-0035-0045	3268-87-9	7383.59		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	2,3,7,8-TCDF	CMS-SD-4209-0035-0045	51207-31-9	14.97		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4209-0035-0045	57117-41-6	4.36	J	PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4209-0035-0045	57117-31-4	7.09		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4209-0035-0045	70648-26-9	21.36		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4209-0035-0045	57117-44-9	18.99		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4209-0035-0045	72918-21-9	0.11	J	PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4209-0035-0045	60851-34-5	10.54		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4209-0035-0045	67562-39-4	316.06		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4209-0035-0045	55673-89-7	14.87		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	OCDF	CMS-SD-4209-0035-0045	39001-02-0	654.62		PG/G_DRYWT		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4209-0035-0045	76523-40-5	69		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4209-0035-0045	109719-79-1	101		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4209-0035-0045	109719-80-4	108		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4209-0035-0045	109719-81-5	75		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4209-0035-0045	109719-83-7	112		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-OCDD	CMS-SD-4209-0035-0045	114423-97-1	120		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4209-0035-0045	89059-46-1	41		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4209-0035-0045	109719-77-9	94		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4209-0035-0045	116843-02-8	97		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4209-0035-0045	114423-98-2	101		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4209-0035-0045	116843-03-9	101		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4209-0035-0045	116843-04-0	120		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4209-0035-0045	116843-05-1	111		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4209-0035-0045	116843-09-5	115		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4209-0035-0045	109719-94-0	114		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03
CMS-SD-4209-0035-0045	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4209-0035-0045	85508-50-5	91		PCT_REC		49715-51	BCO	49715-51-05	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.29	1.10		1	54.84	Lab Login ID = 49913-37-05	3	N	3479.12	J	
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.37	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	5.67		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.29	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	8.39		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.33	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	42.89		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.30	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	35.15		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	4.09	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	996.71		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.18	11.00		1	54.84	Lab Login ID = 49913-37-05	3	N	7383.59		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.20	1.10		1	54.84	Lab Login ID = 49913-37-05	3	N	14.97		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	4.41	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	4.36	J	
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	4.49	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	7.09		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.34	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	21.36		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.33	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	18.99		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.27	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	0.11	J	
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.33	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	10.54		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	2.88	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	316.06		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	3.39	5.50		1	54.84	Lab Login ID = 49913-37-05	3	N	14.87		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B	0.41	11.00		1	54.84	Lab Login ID = 49913-37-05	3	N	654.62		
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			
CMS-SD-4209-0035-0045	29-Sep-03	MOD 1613B				1	54.84	Lab Login ID = 49913-37-05	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4209-0065-0075	DIOX	2,3,7,8-TCDD	CMS-SD-4209-0065-0075	1746-01-6	15755.54	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4209-0065-0075	40321-76-4	4.60	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4209-0065-0075	39227-28-6	1.99	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4209-0065-0075	57653-85-7	11.92	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4209-0065-0075	19408-74-3	6.91	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4209-0065-0075	35822-46-9	144.57	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	OCDD	CMS-SD-4209-0065-0075	3268-87-9	1046.93	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	2,3,7,8-TCDF	CMS-SD-4209-0065-0075	51207-31-9	21.73	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4209-0065-0075	57117-41-6	3.08	JD	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4209-0065-0075	57117-31-4	7.48	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4209-0065-0075	70648-26-9	10.68	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4209-0065-0075	57117-44-9	9.82	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4209-0065-0075	72918-21-9	0.31	JD	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4209-0065-0075	60851-34-5	6.59	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4209-0065-0075	67562-39-4	91.88	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4209-0065-0075	55673-89-7	5.31	JD	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	OCDF	CMS-SD-4209-0065-0075	39001-02-0	113.65	D	PG/G_DRYWT		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4209-0065-0075	76523-40-5	31	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4209-0065-0075	109719-79-1	72	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4209-0065-0075	109719-80-4	106	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4209-0065-0075	109719-81-5	67	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4209-0065-0075	109719-83-7	123	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-OCDD	CMS-SD-4209-0065-0075	114423-97-1	115	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4209-0065-0075	89059-46-1	17	&D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4209-0065-0075	109719-77-9	74	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4209-0065-0075	116843-02-8	70	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4209-0065-0075	114423-98-2	92	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4209-0065-0075	116843-03-9	89	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4209-0065-0075	116843-04-0	111	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4209-0065-0075	116843-05-1	102	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4209-0065-0075	116843-09-5	118	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4209-0065-0075	109719-94-0	120	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03
CMS-SD-4209-0065-0075	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4209-0065-0075	85508-50-5	84	D	PCT_REC		49715-51	BCO	49715-51-06	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	2.24	2.32		3	35.09	Lab Login ID = 49913-37-06	3	N	15755.54	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	1.38	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	4.6	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.64	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	1.99	U	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.80	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	11.92		
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.69	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	6.91	U	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.62	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	144.57		
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	1.41	23.17		3	35.09	Lab Login ID = 49913-37-06	3	N	1046.93		
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	3.71	2.32		3	35.09	Lab Login ID = 49913-37-06	3	N	21.73	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	4.33	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	3.08	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	4.54	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	7.48	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.57	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	10.68	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.64	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	9.82	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.51	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	0.31	U	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	0.64	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	6.59	U	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	5.57	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	91.88		
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	6.69	11.59		3	35.09	Lab Login ID = 49913-37-06	3	N	5.31	J	
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B	1.15	23.17		3	35.09	Lab Login ID = 49913-37-06	3	N	113.65		
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			
CMS-SD-4209-0065-0075	2-Oct-03	MOD 1613B				3	35.09	Lab Login ID = 49913-37-06	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4209-0160-0170	DIOX	2,3,7,8-TCDD	CMS-SD-4209-0160-0170	1746-01-6	12.60		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4209-0160-0170	40321-76-4	0.85		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4209-0160-0170	39227-28-6	0.40		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4209-0160-0170	57653-85-7	1.17		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4209-0160-0170	19408-74-3	1.17		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4209-0160-0170	35822-46-9	8.87		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	OCDD	CMS-SD-4209-0160-0170	3268-87-9	77.30		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	2,3,7,8-TCDF	CMS-SD-4209-0160-0170	51207-31-9	54.29		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4209-0160-0170	57117-41-6	4.68		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4209-0160-0170	57117-31-4	4.11		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4209-0160-0170	70648-26-9	7.44		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4209-0160-0170	57117-44-9	4.77		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4209-0160-0170	72918-21-9	0.36	J	PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4209-0160-0170	60851-34-5	2.91		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4209-0160-0170	67562-39-4	29.71		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4209-0160-0170	55673-89-7	2.33		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	OCDF	CMS-SD-4209-0160-0170	39001-02-0	69.60		PG/G_DRYWT		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4209-0160-0170	76523-40-5	34		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4209-0160-0170	109719-79-1	70		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4209-0160-0170	109719-80-4	83		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4209-0160-0170	109719-81-5	67		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4209-0160-0170	109719-83-7	107		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-OCDD	CMS-SD-4209-0160-0170	114423-97-1	100		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4209-0160-0170	89059-46-1	17	&	PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4209-0160-0170	109719-77-9	65		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4209-0160-0170	116843-02-8	62		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4209-0160-0170	114423-98-2	97		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4209-0160-0170	116843-03-9	98		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4209-0160-0170	116843-04-0	107		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4209-0160-0170	116843-05-1	109		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4209-0160-0170	116843-09-5	110		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4209-0160-0170	109719-94-0	107		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03
CMS-SD-4209-0160-0170	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4209-0160-0170	85508-50-5	32		PCT_REC		49715-51	BCO	49715-51-07	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.99	1.14		1	56.29	Lab Login ID = 49913-37-07	3	N	12.6		
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.42	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	0.85	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.33	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	0.4	U	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.39	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	1.17	U	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.35	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	1.17	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.04	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	8.87		
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.50	11.37		1	56.29	Lab Login ID = 49913-37-07	3	N	77.3		
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.71	1.14		1	56.29	Lab Login ID = 49913-37-07	3	N	54.29	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.01	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	4.68	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.05	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	4.11	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.63	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	7.44		
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.64	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	4.77	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.41	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	0.36	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.55	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	2.91	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.83	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	29.71		
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	1.03	5.69		1	56.29	Lab Login ID = 49913-37-07	3	N	2.33	J	
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B	0.35	11.37		1	56.29	Lab Login ID = 49913-37-07	3	N	69.6		
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			
CMS-SD-4209-0160-0170	29-Sep-03	MOD 1613B				1	56.29	Lab Login ID = 49913-37-07	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4219-0035-0045	DIOX	2,3,7,8-TCDD	CMS-SD-4219-0035-0045	1746-01-6	5339.25	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4219-0035-0045	40321-76-4	17.85	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4219-0035-0045	39227-28-6	20.00	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4219-0035-0045	57653-85-7	74.30	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4219-0035-0045	19408-74-3	75.11	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4219-0035-0045	35822-46-9	1095.67	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	OCDD	CMS-SD-4219-0035-0045	3268-87-9	7216.39	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	2,3,7,8-TCDF	CMS-SD-4219-0035-0045	51207-31-9	110.22	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4219-0035-0045	57117-41-6	25.17	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4219-0035-0045	57117-31-4	55.76	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4219-0035-0045	70648-26-9	97.83	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4219-0035-0045	57117-44-9	100.41	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4219-0035-0045	72918-21-9	1.18	JD	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4219-0035-0045	60851-34-5	61.97	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4219-0035-0045	67562-39-4	1002.45	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4219-0035-0045	55673-89-7	42.69	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	OCDF	CMS-SD-4219-0035-0045	39001-02-0	837.82	D	PG/G_DRYWT		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4219-0035-0045	76523-40-5	40	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4219-0035-0045	109719-79-1	77	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4219-0035-0045	109719-80-4	78	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4219-0035-0045	109719-81-5	92	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4219-0035-0045	109719-83-7	102	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-OCDD	CMS-SD-4219-0035-0045	114423-97-1	101	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4219-0035-0045	89059-46-1	19	&D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4219-0035-0045	109719-77-9	75	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4219-0035-0045	116843-02-8	74	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4219-0035-0045	114423-98-2	80	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4219-0035-0045	116843-03-9	80	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4219-0035-0045	116843-04-0	91	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4219-0035-0045	116843-05-1	85	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4219-0035-0045	116843-09-5	104	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4219-0035-0045	109719-94-0	108	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03
CMS-SD-4219-0035-0045	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4219-0035-0045	85508-50-5	54	D	PCT_REC		49715-51	BCO	49715-51-08	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	2.03	4.21		3	64.39	Lab Login ID = 49913-37-08	3	N	5339.25	J	
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	2.06	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	17.85	J	
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	1.29	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	20	J	
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	1.12	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	74.3		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	1.16	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	75.11		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	7.20	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	1095.67		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	1.99	42.14		3	64.39	Lab Login ID = 49913-37-08	3	N	7216.39		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	4.69	4.21		3	64.39	Lab Login ID = 49913-37-08	3	N	110.22	J	
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	23.87	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	25.17		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	24.82	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	55.76		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	7.78	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	97.83	J	
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	8.88	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	100.41		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	8.50	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	1.18	U	
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	11.27	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	61.97		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	13.51	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	1002.45		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	15.23	21.07		3	64.39	Lab Login ID = 49913-37-08	3	N	42.69		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B	1.39	42.14		3	64.39	Lab Login ID = 49913-37-08	3	N	837.82		
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			
CMS-SD-4219-0035-0045	2-Oct-03	MOD 1613B				3	64.39	Lab Login ID = 49913-37-08	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4219-0145-0155	DIOX	2,3,7,8-TCDD	CMS-SD-4219-0145-0155	1746-01-6	7.83		PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4219-0145-0155	40321-76-4	0.52	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4219-0145-0155	39227-28-6	0.52	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4219-0145-0155	57653-85-7	0.53	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4219-0145-0155	19408-74-3	0.51	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4219-0145-0155	35822-46-9	5.53		PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	OCDD	CMS-SD-4219-0145-0155	3268-87-9	74.47		PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	2,3,7,8-TCDF	CMS-SD-4219-0145-0155	51207-31-9	0.78		PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4219-0145-0155	57117-41-6	0.90	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4219-0145-0155	57117-31-4	0.85	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4219-0145-0155	70648-26-9	0.83	J	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4219-0145-0155	57117-44-9	2.12	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4219-0145-0155	72918-21-9	2.40	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4219-0145-0155	60851-34-5	2.30	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4219-0145-0155	67562-39-4	8.11		PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4219-0145-0155	55673-89-7	4.05	U	PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	OCDF	CMS-SD-4219-0145-0155	39001-02-0	9.20		PG/G_DRYWT		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4219-0145-0155	76523-40-5	45		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4219-0145-0155	109719-79-1	54		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4219-0145-0155	109719-80-4	53		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4219-0145-0155	109719-81-5	51		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4219-0145-0155	109719-83-7	62		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-OCDD	CMS-SD-4219-0145-0155	114423-97-1	63		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4219-0145-0155	89059-46-1	40		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4219-0145-0155	109719-77-9	52		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4219-0145-0155	116843-02-8	55		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4219-0145-0155	114423-98-2	60		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4219-0145-0155	116843-03-9	59		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4219-0145-0155	116843-04-0	60		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4219-0145-0155	116843-05-1	59		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4219-0145-0155	116843-09-5	62		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4219-0145-0155	109719-94-0	64		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03
CMS-SD-4219-0145-0155	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4219-0145-0155	85508-50-5	49		PCT_REC		49715-51	BCO	49715-51-09	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.29	1.24		1	60.11	Lab Login ID = 49913-37-09	3	N	7.83		
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.52	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.52	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.52	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.52	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.53	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.53	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.51	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.51	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	3.37	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	5.53	J	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.45	12.40		1	60.11	Lab Login ID = 49913-37-09	3	N	74.47		
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.21	1.24		1	60.11	Lab Login ID = 49913-37-09	3	N	0.78	J	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.90	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.9	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.85	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.85	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	2.15	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	0.83	J	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	2.12	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	2.12	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	2.40	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	2.4	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	2.30	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	2.3	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	3.52	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	8.11		
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	4.05	6.20		1	60.11	Lab Login ID = 49913-37-09	3	N	4.05	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B	0.23	12.40		1	60.11	Lab Login ID = 49913-37-09	3	N	9.2	U	
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			
CMS-SD-4219-0145-0155	29-Sep-03	MOD 1613B				1	60.11	Lab Login ID = 49913-37-09	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4219-0075-0085	DIOX	2,3,7,8-TCDD	CMS-SD-4219-0075-0085	1746-01-6	48.92		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4219-0075-0085	40321-76-4	2.98		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4219-0075-0085	39227-28-6	1.94		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4219-0075-0085	57653-85-7	6.77		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4219-0075-0085	19408-74-3	8.03		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4219-0075-0085	35822-46-9	92.19		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	OCDD	CMS-SD-4219-0075-0085	3268-87-9	776.46		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	2,3,7,8-TCDF	CMS-SD-4219-0075-0085	51207-31-9	107.09		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4219-0075-0085	57117-41-6	83.39		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4219-0075-0085	57117-31-4	34.92		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4219-0075-0085	70648-26-9	203.14		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4219-0075-0085	57117-44-9	243.76		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4219-0075-0085	72918-21-9	9.93		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4219-0075-0085	60851-34-5	35.45		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4219-0075-0085	67562-39-4	1402.36		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4219-0075-0085	55673-89-7	101.13		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	OCDF	CMS-SD-4219-0075-0085	39001-02-0	2403.49		PG/G_DRYWT		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4219-0075-0085	76523-40-5	47		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4219-0075-0085	109719-79-1	85		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4219-0075-0085	109719-80-4	81		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4219-0075-0085	109719-81-5	81		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4219-0075-0085	109719-83-7	92		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-OCDD	CMS-SD-4219-0075-0085	114423-97-1	96		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4219-0075-0085	89059-46-1	26		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4219-0075-0085	109719-77-9	80		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4219-0075-0085	116843-02-8	76		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4219-0075-0085	114423-98-2	75		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4219-0075-0085	116843-03-9	73		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4219-0075-0085	116843-04-0	81		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4219-0075-0085	116843-05-1	76		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4219-0075-0085	116843-09-5	87		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4219-0075-0085	109719-94-0	90		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03
CMS-SD-4219-0075-0085	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4219-0075-0085	85508-50-5	50		PCT_REC		49715-51	BCO	49715-51-10	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.84	1.51		1	67.12	Lab Login ID = 49913-37-10	3	N	48.92		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.53	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	2.98	J	
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.51	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	1.94	U	
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.45	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	6.77	J	
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.46	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	8.03		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.60	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	92.19		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.52	15.12		1	67.12	Lab Login ID = 49913-37-10	3	N	776.46		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	1.04	1.51		1	67.12	Lab Login ID = 49913-37-10	3	N	107.09		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	12.43	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	83.39		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	12.60	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	34.92		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.30	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	203.14	J	
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.32	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	243.76		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.31	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	9.93		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.42	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	35.45		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	8.33	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	1402.36		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	9.68	7.56		1	67.12	Lab Login ID = 49913-37-10	3	N	101.13		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B	0.70	15.12		1	67.12	Lab Login ID = 49913-37-10	3	N	2403.49		
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			
CMS-SD-4219-0075-0085	30-Sep-03	MOD 1613B				1	67.12	Lab Login ID = 49913-37-10	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4218-0150-0160	DIOX	2,3,7,8-TCDD	CMS-SD-4218-0150-0160	1746-01-6	25.38		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4218-0150-0160	40321-76-4	2.59		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4218-0150-0160	39227-28-6	1.44		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4218-0150-0160	57653-85-7	3.29		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4218-0150-0160	19408-74-3	6.19		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4218-0150-0160	35822-46-9	51.36		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	OCDD	CMS-SD-4218-0150-0160	3268-87-9	399.37		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	2,3,7,8-TCDF	CMS-SD-4218-0150-0160	51207-31-9	148.66		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4218-0150-0160	57117-41-6	56.44		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4218-0150-0160	57117-31-4	25.06		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4218-0150-0160	70648-26-9	127.92		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4218-0150-0160	57117-44-9	159.73		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4218-0150-0160	72918-21-9	4.72		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4218-0150-0160	60851-34-5	27.09		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4218-0150-0160	67562-39-4	973.84		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4218-0150-0160	55673-89-7	52.71		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	OCDF	CMS-SD-4218-0150-0160	39001-02-0	2512.50		PG/G_DRYWT		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4218-0150-0160	76523-40-5	35		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4218-0150-0160	109719-79-1	79		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4218-0150-0160	109719-80-4	91		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4218-0150-0160	109719-81-5	68		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4218-0150-0160	109719-83-7	98		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-OCDD	CMS-SD-4218-0150-0160	114423-97-1	105		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4218-0150-0160	89059-46-1	21	&	PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4218-0150-0160	109719-77-9	72		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4218-0150-0160	116843-02-8	69		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4218-0150-0160	114423-98-2	78		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4218-0150-0160	116843-03-9	77		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4218-0150-0160	116843-04-0	89		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4218-0150-0160	116843-05-1	86		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4218-0150-0160	116843-09-5	90		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4218-0150-0160	109719-94-0	92		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03
CMS-SD-4218-0150-0160	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4218-0150-0160	85508-50-5	33		PCT_REC		49715-51	BCO	49715-51-11	5-Sep-03	17-Sep-03

US EPA ARCHIVE DOCUMENT

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	1.45	1.65		1	69.93	Lab Login ID = 49913-37-11	3	N	25.38		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.80	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	2.59	J	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.81	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	1.44	U	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.91	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	3.29	J	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.84	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	6.19	J	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.65	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	51.36		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.46	16.54		1	69.93	Lab Login ID = 49913-37-11	3	N	399.37		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	1.57	1.65		1	69.93	Lab Login ID = 49913-37-11	3	N	148.66	J	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	17.54	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	56.44		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	17.35	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	25.06		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.53	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	127.92	J	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.58	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	159.73		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.51	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	4.72	J	
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.62	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	27.09		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	9.23	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	973.84		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	10.87	8.27		1	69.93	Lab Login ID = 49913-37-11	3	N	52.71		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B	0.69	16.54		1	69.93	Lab Login ID = 49913-37-11	3	N	2512.5		
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			
CMS-SD-4218-0150-0160	30-Sep-03	MOD 1613B				1	69.93	Lab Login ID = 49913-37-11	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4218-0070-0080	DIOX	2,3,7,8-TCDD	CMS-SD-4218-0070-0080	1746-01-6	6040.87		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4218-0070-0080	40321-76-4	10.81		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4218-0070-0080	39227-28-6	33.12		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4218-0070-0080	57653-85-7	48.08		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4218-0070-0080	19408-74-3	58.29		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4218-0070-0080	35822-46-9	1488.20		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	OCDD	CMS-SD-4218-0070-0080	3268-87-9	17776.72		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	2,3,7,8-TCDF	CMS-SD-4218-0070-0080	51207-31-9	31.16		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4218-0070-0080	57117-41-6	5.76	J	PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4218-0070-0080	57117-31-4	11.93		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4218-0070-0080	70648-26-9	26.65		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4218-0070-0080	57117-44-9	23.37		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4218-0070-0080	72918-21-9	1.05	J	PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4218-0070-0080	60851-34-5	16.19		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4218-0070-0080	67562-39-4	322.71		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4218-0070-0080	55673-89-7	15.31		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	OCDF	CMS-SD-4218-0070-0080	39001-02-0	641.33		PG/G_DRYWT		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4218-0070-0080	76523-40-5	41		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4218-0070-0080	109719-79-1	88		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4218-0070-0080	109719-80-4	109		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4218-0070-0080	109719-81-5	74		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4218-0070-0080	109719-83-7	141		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-OCDD	CMS-SD-4218-0070-0080	114423-97-1	141		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4218-0070-0080	89059-46-1	25		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4218-0070-0080	109719-77-9	80		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4218-0070-0080	116843-02-8	78		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4218-0070-0080	114423-98-2	106		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4218-0070-0080	116843-03-9	112		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4218-0070-0080	116843-04-0	131		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4218-0070-0080	116843-05-1	113		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4218-0070-0080	116843-09-5	130		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4218-0070-0080	109719-94-0	137		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03
CMS-SD-4218-0070-0080	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4218-0070-0080	85508-50-5	58		PCT_REC		49715-51	BCO	49715-51-13	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	0.75	1.41		1	64.73	Lab Login ID = 49913-37-13	3	N	6040.87	J	
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	1.00	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	10.81		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	0.66	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	33.12		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	0.86	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	48.08		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	0.73	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	58.29		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	10.86	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	1488.2		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	0.27	14.13		1	64.73	Lab Login ID = 49913-37-13	3	N	17776.72	J	
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	1.41	1.41		1	64.73	Lab Login ID = 49913-37-13	3	N	31.16		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	7.55	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	5.76	J	
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	8.07	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	11.93		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	7.67	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	26.65	J	
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	7.87	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	23.37		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	6.35	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	1.05	J	
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	8.25	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	16.19		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	3.91	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	322.71		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	4.57	7.06		1	64.73	Lab Login ID = 49913-37-13	3	N	15.31		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B	0.40	14.13		1	64.73	Lab Login ID = 49913-37-13	3	N	641.33		
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			
CMS-SD-4218-0070-0080	30-Sep-03	MOD 1613B				1	64.73	Lab Login ID = 49913-37-13	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4204-0005-0010	DIOX	2,3,7,8-TCDD	CMS-SD-4204-0005-0010	1746-01-6	2989.99		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4204-0005-0010	40321-76-4	20.88		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4204-0005-0010	39227-28-6	30.53		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4204-0005-0010	57653-85-7	94.25		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4204-0005-0010	19408-74-3	103.26		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4204-0005-0010	35822-46-9	2344.04		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	OCDD	CMS-SD-4204-0005-0010	3268-87-9	15426.27		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	2,3,7,8-TCDF	CMS-SD-4204-0005-0010	51207-31-9	34.02		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4204-0005-0010	57117-41-6	5.66	J	PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4204-0005-0010	57117-31-4	15.88		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4204-0005-0010	70648-26-9	27.90		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4204-0005-0010	57117-44-9	25.41		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4204-0005-0010	72918-21-9	0.68	J	PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4204-0005-0010	60851-34-5	17.04		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4204-0005-0010	67562-39-4	387.29		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4204-0005-0010	55673-89-7	21.23		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	OCDF	CMS-SD-4204-0005-0010	39001-02-0	870.74		PG/G_DRYWT		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4204-0005-0010	76523-40-5	63		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4204-0005-0010	109719-79-1	98		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4204-0005-0010	109719-80-4	108		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4204-0005-0010	109719-81-5	94		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4204-0005-0010	109719-83-7	161	&	PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-OCDD	CMS-SD-4204-0005-0010	114423-97-1	162	&	PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4204-0005-0010	89059-46-1	37		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4204-0005-0010	109719-77-9	94		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4204-0005-0010	116843-02-8	90		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4204-0005-0010	114423-98-2	124		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4204-0005-0010	116843-03-9	130		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4204-0005-0010	116843-04-0	159	&	PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4204-0005-0010	116843-05-1	144		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4204-0005-0010	116843-09-5	155	&	PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4204-0005-0010	109719-94-0	159	&	PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03
CMS-SD-4204-0005-0010	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4204-0005-0010	85508-50-5	74		PCT_REC		49715-51	BCO	49715-51-14	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.77	1.66		1	69.80	Lab Login ID = 49913-37-14	3	N	2989.99	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.74	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	20.88		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.62	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	30.53		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.68	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	94.25		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.64	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	103.26		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	12.95	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	2344.04	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.81	16.64		1	69.80	Lab Login ID = 49913-37-14	3	N	15426.27	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.73	1.66		1	69.80	Lab Login ID = 49913-37-14	3	N	34.02		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	9.61	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	5.66	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	10.58	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	15.88		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	10.53	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	27.9	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	10.40	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	25.41		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	7.86	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	0.68	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	9.70	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	17.04		
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	6.38	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	387.29	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	7.10	8.32		1	69.80	Lab Login ID = 49913-37-14	3	N	21.23	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B	0.70	16.64		1	69.80	Lab Login ID = 49913-37-14	3	N	870.74	J	
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			
CMS-SD-4204-0005-0010	30-Sep-03	MOD 1613B				1	69.80	Lab Login ID = 49913-37-14	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4204-0200-0210	DIOX	2,3,7,8-TCDD	CMS-SD-4204-0200-0210	1746-01-6	1.75		PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4204-0200-0210	40321-76-4	0.25	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4204-0200-0210	39227-28-6	0.38	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4204-0200-0210	57653-85-7	0.40	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4204-0200-0210	19408-74-3	0.38	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4204-0200-0210	35822-46-9	1.89	J	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	OCDD	CMS-SD-4204-0200-0210	3268-87-9	23.85		PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	2,3,7,8-TCDF	CMS-SD-4204-0200-0210	51207-31-9	0.21	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4204-0200-0210	57117-41-6	0.22	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4204-0200-0210	57117-31-4	0.20	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4204-0200-0210	70648-26-9	0.28	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4204-0200-0210	57117-44-9	0.30	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4204-0200-0210	72918-21-9	0.33	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4204-0200-0210	60851-34-5	0.33	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4204-0200-0210	67562-39-4	0.63	J	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4204-0200-0210	55673-89-7	1.39	U	PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	OCDF	CMS-SD-4204-0200-0210	39001-02-0	1.64		PG/G_DRYWT		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4204-0200-0210	76523-40-5	58		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4204-0200-0210	109719-79-1	72		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4204-0200-0210	109719-80-4	74		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4204-0200-0210	109719-81-5	78		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4204-0200-0210	109719-83-7	89		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-OCDD	CMS-SD-4204-0200-0210	114423-97-1	97		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4204-0200-0210	89059-46-1	51		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4204-0200-0210	109719-77-9	68		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4204-0200-0210	116843-02-8	71		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4204-0200-0210	114423-98-2	77		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4204-0200-0210	116843-03-9	77		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4204-0200-0210	116843-04-0	79		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4204-0200-0210	116843-05-1	77		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4204-0200-0210	116843-09-5	89		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4204-0200-0210	109719-94-0	90		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03
CMS-SD-4204-0200-0210	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4204-0200-0210	85508-50-5	65		PCT_REC		49715-51	BCO	49715-51-15	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.32	0.74		1	31.59	Lab Login ID = 49913-37-15	3	N	1.75		
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.25	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.25	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.38	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.38	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.40	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.4	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.38	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.38	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	2.20	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	1.89	J	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.49	7.43		1	31.59	Lab Login ID = 49913-37-15	3	N	23.85	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.21	0.74		1	31.59	Lab Login ID = 49913-37-15	3	N	0.21	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.22	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.22	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.20	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.2	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.28	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.28	UJ	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.30	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.3	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.33	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.33	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.33	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.33	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	1.21	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	0.63	J	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	1.39	3.71		1	31.59	Lab Login ID = 49913-37-15	3	N	1.39	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B	0.21	7.43		1	31.59	Lab Login ID = 49913-37-15	3	N	1.64	U	
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			
CMS-SD-4204-0200-0210	30-Sep-03	MOD 1613B				1	31.59	Lab Login ID = 49913-37-15	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4204-0055-0060	DIOX	2,3,7,8-TCDD	CMS-SD-4204-0055-0060	1746-01-6	1622.78		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4204-0055-0060	40321-76-4	28.33		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4204-0055-0060	39227-28-6	41.78		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4204-0055-0060	57653-85-7	119.02		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4204-0055-0060	19408-74-3	159.44		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4204-0055-0060	35822-46-9	2212.82		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	OCDD	CMS-SD-4204-0055-0060	3268-87-9	13440.18		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	2,3,7,8-TCDF	CMS-SD-4204-0055-0060	51207-31-9	239.35		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4204-0055-0060	57117-41-6	47.98	J	PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4204-0055-0060	57117-31-4	94.48	J	PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4204-0055-0060	70648-26-9	181.52		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4204-0055-0060	57117-44-9	110.57		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4204-0055-0060	72918-21-9	54.55	U	PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4204-0055-0060	60851-34-5	61.39	J	PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4204-0055-0060	67562-39-4	940.20		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4204-0055-0060	55673-89-7	48.84		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	OCDF	CMS-SD-4204-0055-0060	39001-02-0	1062.62		PG/G_DRYWT		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4204-0055-0060	76523-40-5	38		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4204-0055-0060	109719-79-1	77		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4204-0055-0060	109719-80-4	82		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4204-0055-0060	109719-81-5	59		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4204-0055-0060	109719-83-7	92		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-OCDD	CMS-SD-4204-0055-0060	114423-97-1	95		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4204-0055-0060	89059-46-1	19	&	PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4204-0055-0060	109719-77-9	73		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4204-0055-0060	116843-02-8	72		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4204-0055-0060	114423-98-2	79		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4204-0055-0060	116843-03-9	82		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4204-0055-0060	116843-04-0	86		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4204-0055-0060	116843-05-1	84		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4204-0055-0060	116843-09-5	93		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4204-0055-0060	109719-94-0	93		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03
CMS-SD-4204-0055-0060	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4204-0055-0060	85508-50-5	44		PCT_REC		49715-51	BCO	49715-51-16	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.17	2.20		1	76.96	Lab Login ID = 49913-37-16	3	N	1622.78	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	5.49	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	28.33	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.34	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	41.78	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.68	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	119.02	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.45	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	159.44	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.17	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	2212.82	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.01	21.98		1	76.96	Lab Login ID = 49913-37-16	3	N	13440.18	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	1.94	2.20		1	76.96	Lab Login ID = 49913-37-16	3	N	239.35	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	161.24	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	47.98	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	165.38	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	94.48	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	58.01	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	181.52	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	58.99	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	110.57	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	54.55	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	54.55	UJ	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	64.30	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	61.39	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	4.75	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	940.2	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	5.62	10.99		1	76.96	Lab Login ID = 49913-37-16	3	N	48.84	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B	0.88	21.98		1	76.96	Lab Login ID = 49913-37-16	3	N	1062.62	J	
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			
CMS-SD-4204-0055-0060	30-Sep-03	MOD 1613B				1	76.96	Lab Login ID = 49913-37-16	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4206-0105-0115	DIOX	2,3,7,8-TCDD	CMS-SD-4206-0105-0115	1746-01-6	5451.65		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4206-0105-0115	40321-76-4	11.99		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4206-0105-0115	39227-28-6	16.48		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4206-0105-0115	57653-85-7	62.89		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4206-0105-0115	19408-74-3	58.88		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4206-0105-0115	35822-46-9	1527.91		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	OCDD	CMS-SD-4206-0105-0115	3268-87-9	11291.18		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	2,3,7,8-TCDF	CMS-SD-4206-0105-0115	51207-31-9	30.53		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4206-0105-0115	57117-41-6	7.67	J	PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4206-0105-0115	57117-31-4	12.92	J	PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4206-0105-0115	70648-26-9	33.96		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4206-0105-0115	57117-44-9	32.43		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4206-0105-0115	72918-21-9	0.68	J	PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4206-0105-0115	60851-34-5	20.59		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4206-0105-0115	67562-39-4	467.73		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4206-0105-0115	55673-89-7	21.57		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	OCDF	CMS-SD-4206-0105-0115	39001-02-0	843.81		PG/G_DRYWT		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4206-0105-0115	76523-40-5	60		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4206-0105-0115	109719-79-1	83		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4206-0105-0115	109719-80-4	68		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4206-0105-0115	109719-81-5	88		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4206-0105-0115	109719-83-7	82		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-OCDD	CMS-SD-4206-0105-0115	114423-97-1	92		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4206-0105-0115	89059-46-1	31		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4206-0105-0115	109719-77-9	81		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4206-0105-0115	116843-02-8	80		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4206-0105-0115	114423-98-2	78		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4206-0105-0115	116843-03-9	77		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4206-0105-0115	116843-04-0	88		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4206-0105-0115	116843-05-1	76		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4206-0105-0115	116843-09-5	85		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4206-0105-0115	109719-94-0	82		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03
CMS-SD-4206-0105-0115	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4206-0105-0115	85508-50-5	77		PCT_REC		49715-51	BCO	49715-51-17	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.63	1.98		1	74.66	Lab Login ID = 49913-37-17	3	N	5451.65	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.71	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	11.99	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.79	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	16.48	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.64	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	62.89	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.68	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	58.88	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.68	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	1527.91	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.76	19.85		1	74.66	Lab Login ID = 49913-37-17	3	N	11291.18	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	1.00	1.98		1	74.66	Lab Login ID = 49913-37-17	3	N	30.53	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	14.69	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	7.67	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	15.44	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	12.92	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	11.95	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	33.96	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	12.87	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	32.43	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	11.94	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	0.68	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	17.01	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	20.59	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	6.95	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	467.73	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	8.36	9.92		1	74.66	Lab Login ID = 49913-37-17	3	N	21.57	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B	0.63	19.85		1	74.66	Lab Login ID = 49913-37-17	3	N	843.81	J	
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			
CMS-SD-4206-0105-0115	30-Sep-03	MOD 1613B				1	74.66	Lab Login ID = 49913-37-17	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4206-0035-0045	DIOX	2,3,7,8-TCDD	CMS-SD-4206-0035-0045	1746-01-6	2741.63		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4206-0035-0045	40321-76-4	23.68		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4206-0035-0045	39227-28-6	26.69		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4206-0035-0045	57653-85-7	106.08		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4206-0035-0045	19408-74-3	109.63		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4206-0035-0045	35822-46-9	1737.90		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	OCDD	CMS-SD-4206-0035-0045	3268-87-9	10505.79		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	2,3,7,8-TCDF	CMS-SD-4206-0035-0045	51207-31-9	152.10		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4206-0035-0045	57117-41-6	42.39	J	PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4206-0035-0045	57117-31-4	64.95	J	PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4206-0035-0045	70648-26-9	188.78		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4206-0035-0045	57117-44-9	182.79		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4206-0035-0045	72918-21-9	0.96	U	PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4206-0035-0045	60851-34-5	77.84		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4206-0035-0045	67562-39-4	2913.63		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4206-0035-0045	55673-89-7	72.36		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	OCDF	CMS-SD-4206-0035-0045	39001-02-0	1745.57		PG/G_DRYWT		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4206-0035-0045	76523-40-5	50		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4206-0035-0045	109719-79-1	84		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4206-0035-0045	109719-80-4	77		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4206-0035-0045	109719-81-5	88		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4206-0035-0045	109719-83-7	84		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-OCDD	CMS-SD-4206-0035-0045	114423-97-1	89		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4206-0035-0045	89059-46-1	29		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4206-0035-0045	109719-77-9	79		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4206-0035-0045	116843-02-8	78		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4206-0035-0045	114423-98-2	78		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4206-0035-0045	116843-03-9	78		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4206-0035-0045	116843-04-0	94		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4206-0035-0045	116843-05-1	83		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4206-0035-0045	116843-09-5	86		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4206-0035-0045	109719-94-0	84		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03
CMS-SD-4206-0035-0045	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4206-0035-0045	85508-50-5	55		PCT_REC		49715-51	BCO	49715-51-18	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	0.94	2.20		1	77.38	Lab Login ID = 49913-37-18	3	N	2741.63	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	3.09	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	23.68	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	1.09	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	26.69	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	0.98	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	106.08	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	1.00	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	109.63	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	0.37	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	1737.9	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	0.88	21.99		1	77.38	Lab Login ID = 49913-37-18	3	N	10505.79	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	1.53	2.20		1	77.38	Lab Login ID = 49913-37-18	3	N	152.1	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	138.02	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	42.39	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	140.71	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	64.95	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	1.02	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	188.78	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	1.09	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	182.79	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	0.96	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	0.96	UJ	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	1.33	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	77.84	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	20.60	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	2913.63	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	24.10	11.00		1	77.38	Lab Login ID = 49913-37-18	3	N	72.36	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B	0.55	21.99		1	77.38	Lab Login ID = 49913-37-18	3	N	1745.57	J	
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			
CMS-SD-4206-0035-0045	30-Sep-03	MOD 1613B				1	77.38	Lab Login ID = 49913-37-18	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4218-0035-0045	DIOX	2,3,7,8-TCDD	CMS-SD-4218-0035-0045	1746-01-6	703.00		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4218-0035-0045	40321-76-4	1.54		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4218-0035-0045	39227-28-6	1.36	J	PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4218-0035-0045	57653-85-7	3.22		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4218-0035-0045	19408-74-3	4.88		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4218-0035-0045	35822-46-9	65.80		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	OCDD	CMS-SD-4218-0035-0045	3268-87-9	490.10		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	2,3,7,8-TCDF	CMS-SD-4218-0035-0045	51207-31-9	6.73		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4218-0035-0045	57117-41-6	1.59	J	PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4218-0035-0045	57117-31-4	2.39		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4218-0035-0045	70648-26-9	4.70		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4218-0035-0045	57117-44-9	3.69		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4218-0035-0045	72918-21-9	0.54		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4218-0035-0045	60851-34-5	2.25		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4218-0035-0045	67562-39-4	36.12		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4218-0035-0045	55673-89-7	1.20	J	PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	OCDF	CMS-SD-4218-0035-0045	39001-02-0	30.98		PG/G_DRYWT		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4218-0035-0045	76523-40-5	49		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4218-0035-0045	109719-79-1	77		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4218-0035-0045	109719-80-4	64		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4218-0035-0045	109719-81-5	71		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4218-0035-0045	109719-83-7	83		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-OCDD	CMS-SD-4218-0035-0045	114423-97-1	80		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4218-0035-0045	89059-46-1	35		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4218-0035-0045	109719-77-9	73		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4218-0035-0045	116843-02-8	77		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4218-0035-0045	114423-98-2	71		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4218-0035-0045	116843-03-9	71		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4218-0035-0045	116843-04-0	81		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4218-0035-0045	116843-05-1	72		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4218-0035-0045	116843-09-5	84		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4218-0035-0045	109719-94-0	83		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03
CMS-SD-4218-0035-0045	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4218-0035-0045	85508-50-5	59		PCT_REC		49715-51	BCO	49715-51-12	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.84	1.68		1	70.08	Lab Login ID = 49913-37-12	3	N	703	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.79	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	1.54	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	1.47	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	1.36	UJ	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	1.36	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	3.22	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	1.37	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	4.88	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	6.74	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	65.8	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.45	16.85		1	70.08	Lab Login ID = 49913-37-12	3	N	490.1	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.78	1.68		1	70.08	Lab Login ID = 49913-37-12	3	N	6.73	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	1.61	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	1.59	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	1.49	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	2.39	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.30	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	4.7	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.29	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	3.69	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.30	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	0.54	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.33	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	2.25	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	5.05	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	36.12	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	5.87	8.42		1	70.08	Lab Login ID = 49913-37-12	3	N	1.2	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B	0.80	16.85		1	70.08	Lab Login ID = 49913-37-12	3	N	30.98	J	
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			
CMS-SD-4218-0035-0045	30-Sep-03	MOD 1613B				1	70.08	Lab Login ID = 49913-37-12	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4206-0140-0145	DIOX	2,3,7,8-TCDD	CMS-SD-4206-0140-0145	1746-01-6	216.43		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4206-0140-0145	40321-76-4	1.40		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4206-0140-0145	39227-28-6	2.96		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4206-0140-0145	57653-85-7	4.06		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4206-0140-0145	19408-74-3	5.60		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4206-0140-0145	35822-46-9	76.55		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	OCDD	CMS-SD-4206-0140-0145	3268-87-9	675.87		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	2,3,7,8-TCDF	CMS-SD-4206-0140-0145	51207-31-9	3.10		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4206-0140-0145	57117-41-6	1.01	J	PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4206-0140-0145	57117-31-4	1.69		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4206-0140-0145	70648-26-9	4.13		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4206-0140-0145	57117-44-9	3.09		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4206-0140-0145	72918-21-9	3.07		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4206-0140-0145	60851-34-5	5.16		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4206-0140-0145	67562-39-4	40.94		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4206-0140-0145	55673-89-7	9.74		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	OCDF	CMS-SD-4206-0140-0145	39001-02-0	92.13		PG/G_DRYWT		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4206-0140-0145	76523-40-5	66		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4206-0140-0145	109719-79-1	86		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4206-0140-0145	109719-80-4	75		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4206-0140-0145	109719-81-5	77		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4206-0140-0145	109719-83-7	84		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-OCDD	CMS-SD-4206-0140-0145	114423-97-1	87		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4206-0140-0145	89059-46-1	51		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4206-0140-0145	109719-77-9	80		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4206-0140-0145	116843-02-8	87		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4206-0140-0145	114423-98-2	79		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4206-0140-0145	116843-03-9	80		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4206-0140-0145	116843-04-0	88		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4206-0140-0145	116843-05-1	82		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4206-0140-0145	116843-09-5	86		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4206-0140-0145	109719-94-0	88		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03
CMS-SD-4206-0140-0145	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4206-0140-0145	85508-50-5	69		PCT_REC		49715-51	BCO	49715-51-19	5-Sep-03	17-Sep-03

US EPA ARCHIVE DOCUMENT

NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	0.95	2.03		1	75.56	Lab Login ID = 49913-37-19	3	N	216.43	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.35	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	1.4	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	2.74	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	2.96	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	2.60	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	4.06	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	2.60	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	5.6	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	0.66	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	76.55	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	0.73	20.28		1	75.56	Lab Login ID = 49913-37-19	3	N	675.87	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	0.96	2.03		1	75.56	Lab Login ID = 49913-37-19	3	N	3.1	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.81	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	1.01	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.60	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	1.69	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.25	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	4.13	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.22	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	3.09	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.31	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	3.07	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	1.27	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	5.16	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	3.18	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	40.94	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	3.54	10.14		1	75.56	Lab Login ID = 49913-37-19	3	N	9.74	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B	0.76	20.28		1	75.56	Lab Login ID = 49913-37-19	3	N	92.13	J	
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			
CMS-SD-4206-0140-0145	30-Sep-03	MOD 1613B				1	75.56	Lab Login ID = 49913-37-19	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4213-0035-0045	DIOX	2,3,7,8-TCDD	CMS-SD-4213-0035-0045	1746-01-6	6522.14		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4213-0035-0045	40321-76-4	10.69		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4213-0035-0045	39227-28-6	13.51		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4213-0035-0045	57653-85-7	51.26		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4213-0035-0045	19408-74-3	49.01		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0035-0045	35822-46-9	1265.45		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	OCDD	CMS-SD-4213-0035-0045	3268-87-9	10121.04		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	2,3,7,8-TCDF	CMS-SD-4213-0035-0045	51207-31-9	31.24		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4213-0035-0045	57117-41-6	6.05		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4213-0035-0045	57117-31-4	13.51		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4213-0035-0045	70648-26-9	39.85		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4213-0035-0045	57117-44-9	27.96		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4213-0035-0045	72918-21-9	0.23	J	PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4213-0035-0045	60851-34-5	16.39		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0035-0045	67562-39-4	352.16		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0035-0045	55673-89-7	17.07		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	OCDF	CMS-SD-4213-0035-0045	39001-02-0	646.47		PG/G_DRYWT		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4213-0035-0045	76523-40-5	53		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4213-0035-0045	109719-79-1	90		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4213-0035-0045	109719-80-4	69		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4213-0035-0045	109719-81-5	83		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0035-0045	109719-83-7	84		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-OCDD	CMS-SD-4213-0035-0045	114423-97-1	91		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4213-0035-0045	89059-46-1	35		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4213-0035-0045	109719-77-9	87		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4213-0035-0045	116843-02-8	88		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4213-0035-0045	114423-98-2	77		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4213-0035-0045	116843-03-9	72		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4213-0035-0045	116843-04-0	87		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4213-0035-0045	116843-05-1	75		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0035-0045	116843-09-5	85		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0035-0045	109719-94-0	86		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03
CMS-SD-4213-0035-0045	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4213-0035-0045	85508-50-5	78		PCT_REC		49715-51	BCO	49715-51-20	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.73	1.49		1	66.43	Lab Login ID = 49913-37-20	3	N	6522.14	J	
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.64	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	10.69		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.74	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	13.51		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.62	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	51.26		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.65	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	49.01		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.28	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	1265.45		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.25	14.87		1	66.43	Lab Login ID = 49913-37-20	3	N	10121.04		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.97	1.49		1	66.43	Lab Login ID = 49913-37-20	3	N	31.24		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	3.23	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	6.05	J	
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	3.18	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	13.51		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.39	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	39.85		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.40	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	27.96		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.38	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	0.23	J	
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.53	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	16.39		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	2.93	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	352.16		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	3.37	7.44		1	66.43	Lab Login ID = 49913-37-20	3	N	17.07		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B	0.42	14.87		1	66.43	Lab Login ID = 49913-37-20	3	N	646.47		
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			
CMS-SD-4213-0035-0045	30-Sep-03	MOD 1613B				1	66.43	Lab Login ID = 49913-37-20	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4213-0115-0125	DIOX	2,3,7,8-TCDD	CMS-SD-4213-0115-0125	1746-01-6	119.39		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4213-0115-0125	40321-76-4	4.74		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4213-0115-0125	39227-28-6	4.83		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4213-0115-0125	57653-85-7	13.04		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4213-0115-0125	19408-74-3	23.43		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0115-0125	35822-46-9	219.19		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	OCDD	CMS-SD-4213-0115-0125	3268-87-9	1385.72		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	2,3,7,8-TCDF	CMS-SD-4213-0115-0125	51207-31-9	70.55		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4213-0115-0125	57117-41-6	41.07		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4213-0115-0125	57117-31-4	23.75		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4213-0115-0125	70648-26-9	155.22		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4213-0115-0125	57117-44-9	188.57		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4213-0115-0125	72918-21-9	5.29		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4213-0115-0125	60851-34-5	35.76		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0115-0125	67562-39-4	1012.72		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0115-0125	55673-89-7	58.65		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	OCDF	CMS-SD-4213-0115-0125	39001-02-0	1334.40		PG/G_DRYWT		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4213-0115-0125	76523-40-5	46		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4213-0115-0125	109719-79-1	97		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4213-0115-0125	109719-80-4	83		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4213-0115-0125	109719-81-5	79		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0115-0125	109719-83-7	96		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-OCDD	CMS-SD-4213-0115-0125	114423-97-1	91		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4213-0115-0125	89059-46-1	30		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4213-0115-0125	109719-77-9	88		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4213-0115-0125	116843-02-8	88		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4213-0115-0125	114423-98-2	84		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4213-0115-0125	116843-03-9	80		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4213-0115-0125	116843-04-0	95		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4213-0115-0125	116843-05-1	86		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0115-0125	116843-09-5	89		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0115-0125	109719-94-0	93		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4213-0115-0125	85508-50-5	48		PCT_REC		49715-51	BCO	49715-51-21	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.80	1.91		1	73.78	Lab Login ID = 49913-37-21	3	N	119.39	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.73	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	4.74	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.81	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	4.83	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.74	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	13.04	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.76	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	23.43	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	5.59	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	219.19	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.60	19.12		1	73.78	Lab Login ID = 49913-37-21	3	N	1385.72	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	1.03	1.91		1	73.78	Lab Login ID = 49913-37-21	3	N	70.55	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	6.82	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	41.07	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	6.79	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	23.75	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.48	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	155.22	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.51	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	188.57	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.45	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	5.29	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.61	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	35.76	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	3.63	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	1012.72	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	4.29	9.56		1	73.78	Lab Login ID = 49913-37-21	3	N	58.65	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B	0.49	19.12		1	73.78	Lab Login ID = 49913-37-21	3	N	1334.4	J	
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			
CMS-SD-4213-0115-0125	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4213-0115-0125 MS	DIOX	2,3,7,8-TCDD	CMS-SD-4213-0115-0125 MS	1746-01-6	95		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4213-0115-0125 MS	40321-76-4	103		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4213-0115-0125 MS	39227-28-6	105		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4213-0115-0125 MS	57653-85-7	107		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4213-0115-0125 MS	19408-74-3	113		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0115-0125 MS	35822-46-9	105		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	OCDD	CMS-SD-4213-0115-0125 MS	3268-87-9	118		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	2,3,7,8-TCDF	CMS-SD-4213-0115-0125 MS	51207-31-9	90		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4213-0115-0125 MS	57117-41-6	95		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4213-0115-0125 MS	57117-31-4	97		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4213-0115-0125 MS	70648-26-9	107		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MS	57117-44-9	108		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4213-0115-0125 MS	72918-21-9	108		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MS	60851-34-5	107		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0115-0125 MS	67562-39-4	103		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0115-0125 MS	55673-89-7	103		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	OCDF	CMS-SD-4213-0115-0125 MS	39001-02-0	114		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4213-0115-0125 MS	76523-40-5	69		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4213-0115-0125 MS	109719-79-1	85		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4213-0115-0125 MS	109719-80-4	82		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4213-0115-0125 MS	109719-81-5	89		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0115-0125 MS	109719-83-7	102		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-OCDD	CMS-SD-4213-0115-0125 MS	114423-97-1	103		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4213-0115-0125 MS	89059-46-1	66		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4213-0115-0125 MS	109719-77-9	79		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4213-0115-0125 MS	116843-02-8	86		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4213-0115-0125 MS	114423-98-2	87		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MS	116843-03-9	87		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4213-0115-0125 MS	116843-04-0	92		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MS	116843-05-1	91		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0115-0125 MS	116843-09-5	97		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0115-0125 MS	109719-94-0	104		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MS	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4213-0115-0125 MS	85508-50-5	74		PCT_REC		49715-51	BCO	49715-51-22	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.53	1.89		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.60	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.73	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.72	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.71	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	2.40	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.51	18.87		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.44	1.89		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.86	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.77	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.81	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.77	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.86	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.81	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	3.11	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	3.49	9.43		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B	0.56	18.87		1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			
CMS-SD-4213-0115-0125 MS	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MS			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4213-0115-0125 MSD	DIOX	2,3,7,8-TCDD	CMS-SD-4213-0115-0125 MSD	1746-01-6	99		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4213-0115-0125 MSD	40321-76-4	102		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4213-0115-0125 MSD	39227-28-6	103		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4213-0115-0125 MSD	57653-85-7	113		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4213-0115-0125 MSD	19408-74-3	126	&	PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0115-0125 MSD	35822-46-9	108		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	OCDD	CMS-SD-4213-0115-0125 MSD	3268-87-9	120		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	2,3,7,8-TCDF	CMS-SD-4213-0115-0125 MSD	51207-31-9	96		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4213-0115-0125 MSD	57117-41-6	92		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4213-0115-0125 MSD	57117-31-4	95		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4213-0115-0125 MSD	70648-26-9	103		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MSD	57117-44-9	107		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4213-0115-0125 MSD	72918-21-9	111		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MSD	60851-34-5	107		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0115-0125 MSD	67562-39-4	104		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0115-0125 MSD	55673-89-7	106		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	OCDF	CMS-SD-4213-0115-0125 MSD	39001-02-0	116		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4213-0115-0125 MSD	76523-40-5	63		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4213-0115-0125 MSD	109719-79-1	72		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4213-0115-0125 MSD	109719-80-4	67		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4213-0115-0125 MSD	109719-81-5	69		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0115-0125 MSD	109719-83-7	70		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-OCDD	CMS-SD-4213-0115-0125 MSD	114423-97-1	71		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4213-0115-0125 MSD	89059-46-1	59		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4213-0115-0125 MSD	109719-77-9	67		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4213-0115-0125 MSD	116843-02-8	72		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4213-0115-0125 MSD	114423-98-2	66		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MSD	116843-03-9	68		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4213-0115-0125 MSD	116843-04-0	73		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4213-0115-0125 MSD	116843-05-1	70		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0115-0125 MSD	116843-09-5	74		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0115-0125 MSD	109719-94-0	74		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03
CMS-SD-4213-0115-0125 MSD	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4213-0115-0125 MSD	85508-50-5	70		PCT_REC		49715-51	BCO	49715-51-23	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.59	1.88		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.83	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	1.64	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	1.64	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	1.60	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	2.04	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.57	18.85		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.42	1.88		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.80	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.72	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.67	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.66	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.68	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.65	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	6.26	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	7.23	9.42		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B	0.76	18.85		1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			
CMS-SD-4213-0115-0125 MSD	30-Sep-03	MOD 1613B				1	73.78	Lab Login ID = 49913-37-21	3	MSD			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-51-24	DIOX	2,3,7,8-TCDD	49715-51-24	1746-01-6	11.7		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,7,8-PeCDD	49715-51-24	40321-76-4	5.4		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,4,7,8-HxCDD	49715-51-24	39227-28-6	6.3		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,6,7,8-HxCDD	49715-51-24	57653-85-7	1.2		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,7,8,9-HxCDD	49715-51-24	19408-74-3	5.6		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,4,6,7,8-HpCDD	49715-51-24	35822-46-9	4.1		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	OCDD	49715-51-24	3268-87-9	13.7		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	2,3,7,8-TCDF	49715-51-24	51207-31-9	8.8		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,7,8-PeCDF	49715-51-24	57117-41-6	4.3		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	2,3,4,7,8-PeCDF	49715-51-24	57117-31-4	3.1		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,4,7,8-HxCDF	49715-51-24	70648-26-9	10.2		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,6,7,8-HxCDF	49715-51-24	57117-44-9	5.9		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,7,8,9-HxCDF	49715-51-24	72918-21-9	13.0		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	2,3,4,6,7,8-HxCDF	49715-51-24	60851-34-5	9.8		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,4,6,7,8-HpCDF	49715-51-24	67562-39-4	12.9		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	1,2,3,4,7,8,9-HpCDF	49715-51-24	55673-89-7	21.2		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	OCDF	49715-51-24	39001-02-0	9.7		PCT_DIFF		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-2,3,7,8-TCDD	49715-51-24	76523-40-5	65		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,7,8-PeCDD	49715-51-24	109719-79-1	88		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-51-24	109719-80-4	86		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-51-24	109719-81-5	87		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-51-24	109719-83-7	100		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-OCDD	49715-51-24	114423-97-1	104		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-2,3,7,8-TCDF	49715-51-24	89059-46-1	60		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,7,8-PeCDF	49715-51-24	109719-77-9	81		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-2,3,4,7,8-PeCDF	49715-51-24	116843-02-8	88		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-51-24	114423-98-2	88		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-51-24	116843-03-9	88		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-51-24	116843-04-0	90		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-51-24	116843-05-1	93		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-51-24	116843-09-5	100		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-51-24	109719-94-0	99		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03
49715-51-24	DIOX	37Cl-2,3,7,8-TCDD	49715-51-24	85508-50-5	70		PCT_REC		49715-51	BCO	49715-51-24		17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-51-24	30-Sep-03	MOD 1613B	0.14	0.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.10	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.12	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.12	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.12	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	2.04	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.09	5.00		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.11	0.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.17	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.15	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.56	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.54	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.62	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.56	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	6.87	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	8.15	2.50		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B	0.13	5.00		1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			
49715-51-24	30-Sep-03	MOD 1613B				1	0.00	Lab Login ID = 49063-70-10	3	SRM			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-51-25	DIOX	2,3,7,8-TCDD	49715-51-25	1746-01-6	95		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,7,8-PeCDD	49715-51-25	40321-76-4	103		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,4,7,8-HxCDD	49715-51-25	39227-28-6	104		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,6,7,8-HxCDD	49715-51-25	57653-85-7	112		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,7,8,9-HxCDD	49715-51-25	19408-74-3	113		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,4,6,7,8-HpCDD	49715-51-25	35822-46-9	104		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	OCDD	49715-51-25	3268-87-9	109		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	2,3,7,8-TCDF	49715-51-25	51207-31-9	106		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,7,8-PeCDF	49715-51-25	57117-41-6	101		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	2,3,4,7,8-PeCDF	49715-51-25	57117-31-4	103		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,4,7,8-HxCDF	49715-51-25	70648-26-9	109		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,6,7,8-HxCDF	49715-51-25	57117-44-9	109		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,7,8,9-HxCDF	49715-51-25	72918-21-9	111		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	2,3,4,6,7,8-HxCDF	49715-51-25	60851-34-5	110		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,4,6,7,8-HpCDF	49715-51-25	67562-39-4	96		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	1,2,3,4,7,8,9-HpCDF	49715-51-25	55673-89-7	102		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	OCDF	49715-51-25	39001-02-0	110		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-2,3,7,8-TCDD	49715-51-25	76523-40-5	62		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,7,8-PeCDD	49715-51-25	109719-79-1	76		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-51-25	109719-80-4	79		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-51-25	109719-81-5	81		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-51-25	109719-83-7	98		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-OCDD	49715-51-25	114423-97-1	107		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-2,3,7,8-TCDF	49715-51-25	89059-46-1	55		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,7,8-PeCDF	49715-51-25	109719-77-9	70		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-2,3,4,7,8-PeCDF	49715-51-25	116843-02-8	76		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-51-25	114423-98-2	79		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-51-25	116843-03-9	82		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-51-25	116843-04-0	78		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-51-25	116843-05-1	85		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-51-25	116843-09-5	95		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-51-25	109719-94-0	102		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03
49715-51-25	DIOX	37Cl-2,3,7,8-TCDD	49715-51-25	85508-50-5	65		PCT_REC		49715-51	BCO	49715-51-25		17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-51-25	29-Sep-03	MOD 1613B	0.16	0.50		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.19	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.15	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.15	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.15	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.32	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.13	4.97		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.18	0.50		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.24	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.21	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.15	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.15	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.19	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.15	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.47	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.51	2.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B	0.22	4.97		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-51-25	29-Sep-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-59-26	DIOX	2,3,7,8-TCDD	49715-59-26	1746-01-6	1.26		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,7,8-PeCDD	49715-59-26	40321-76-4	1.29	U	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,4,7,8-HxCDD	49715-59-26	39227-28-6	0.60	U	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,6,7,8-HxCDD	49715-59-26	57653-85-7	0.64	U	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,7,8,9-HxCDD	49715-59-26	19408-74-3	1.18		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,4,6,7,8-HpCDD	49715-59-26	35822-46-9	5.52		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	OCDD	49715-59-26	3268-87-9	36.63		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	2,3,7,8-TCDF	49715-59-26	51207-31-9	0.37	U	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,7,8-PeCDF	49715-59-26	57117-41-6	0.76	U	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	2,3,4,7,8-PeCDF	49715-59-26	57117-31-4	0.68	U	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,4,7,8-HxCDF	49715-59-26	70648-26-9	0.78		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,6,7,8-HxCDF	49715-59-26	57117-44-9	0.43	J	PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,7,8,9-HxCDF	49715-59-26	72918-21-9	1.00		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	2,3,4,6,7,8-HxCDF	49715-59-26	60851-34-5	1.50		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,4,6,7,8-HpCDF	49715-59-26	67562-39-4	3.98		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	1,2,3,4,7,8,9-HpCDF	49715-59-26	55673-89-7	4.70		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	OCDF	49715-59-26	39001-02-0	25.65		PG/G_DRYWT		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-2,3,7,8-TCDD	49715-59-26	76523-40-5	53		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,7,8-PeCDD	49715-59-26	109719-79-1	63		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-59-26	109719-80-4	68		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-59-26	109719-81-5	69		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-59-26	109719-83-7	79		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-OCDD	49715-59-26	114423-97-1	89		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-2,3,7,8-TCDF	49715-59-26	89059-46-1	50		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,7,8-PeCDF	49715-59-26	109719-77-9	58		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-2,3,4,7,8-PeCDF	49715-59-26	116843-02-8	61		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-59-26	114423-98-2	72		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-59-26	116843-03-9	75		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-59-26	116843-04-0	72		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-59-26	116843-05-1	74		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-59-26	116843-09-5	78		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-59-26	109719-94-0	76		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03
49715-59-26	DIOX	37Cl-2,3,7,8-TCDD	49715-59-26	85508-50-5	45		PCT_REC		49715-59	BCO	49715-59-26		17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-59-26	4-Oct-03	MOD 1613B	0.69	1.53		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	1.29	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.60	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.64	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.60	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	1.85	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.44	15.27		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.37	1.53		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.76	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.68	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.48	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.59	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.70	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.64	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	1.77	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	2.13	7.63		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B	0.64	15.27		1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			
49715-59-26	4-Oct-03	MOD 1613B				1	65.76	Lab Login ID = 49979-17-02	3	MB			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4213-0055-0065	DIOX	2,3,7,8-TCDD	CMS-SD-4213-0055-0065	1746-01-6	52828.45		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4213-0055-0065	40321-76-4	42.00		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4213-0055-0065	39227-28-6	32.85		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4213-0055-0065	57653-85-7	124.65		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4213-0055-0065	19408-74-3	135.03		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0055-0065	35822-46-9	3141.20		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	OCDD	CMS-SD-4213-0055-0065	3268-87-9	21472.21		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	2,3,7,8-TCDF	CMS-SD-4213-0055-0065	51207-31-9	125.88		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4213-0055-0065	57117-41-6	13.81		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4213-0055-0065	57117-31-4	52.69		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4213-0055-0065	70648-26-9	98.04		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4213-0055-0065	57117-44-9	69.16		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4213-0055-0065	72918-21-9	0.41	J	PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4213-0055-0065	60851-34-5	28.38		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0055-0065	67562-39-4	557.61		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0055-0065	55673-89-7	33.03		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	OCDF	CMS-SD-4213-0055-0065	39001-02-0	709.03		PG/G_DRYWT		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4213-0055-0065	76523-40-5	48		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4213-0055-0065	109719-79-1	69		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4213-0055-0065	109719-80-4	56		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4213-0055-0065	109719-81-5	64		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4213-0055-0065	109719-83-7	63		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-OCDD	CMS-SD-4213-0055-0065	114423-97-1	64		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4213-0055-0065	89059-46-1	29		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4213-0055-0065	109719-77-9	66		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4213-0055-0065	116843-02-8	67		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4213-0055-0065	114423-98-2	64		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4213-0055-0065	116843-03-9	63		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4213-0055-0065	116843-04-0	64		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4213-0055-0065	116843-05-1	63		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4213-0055-0065	116843-09-5	64		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4213-0055-0065	109719-94-0	56		PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03
CMS-SD-4213-0055-0065	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4213-0055-0065	85508-50-5	152	&	PCT_REC		49715-59	BCO	49715-59-02	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	0.81	1.81		1	72.52	Lab Login ID = 49913-37-22	3	N	52828.45	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	3.24	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	42	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	1.77	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	32.85	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	1.67	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	124.65	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	1.67	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	135.03	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	0.82	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	3141.2	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	0.48	18.11		1	72.52	Lab Login ID = 49913-37-22	3	N	21472.21	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	1.81	1.81		1	72.52	Lab Login ID = 49913-37-22	3	N	125.88	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	10.47	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	13.81	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	10.15	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	52.69	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	0.81	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	98.04	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	0.95	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	69.16	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	1.03	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	0.41	UJ	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	1.28	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	28.38	UJ	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	6.10	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	557.61	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	7.85	9.06		1	72.52	Lab Login ID = 49913-37-22	3	N	33.03	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B	0.96	18.11		1	72.52	Lab Login ID = 49913-37-22	3	N	709.03	J	
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			
CMS-SD-4213-0055-0065	4-Oct-03	MOD 1613B				1	72.52	Lab Login ID = 49913-37-22	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4212-0055-0065	DIOX	2,3,7,8-TCDD	CMS-SD-4212-0055-0065	1746-01-6	15962.06		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4212-0055-0065	40321-76-4	33.46		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4212-0055-0065	39227-28-6	34.23		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4212-0055-0065	57653-85-7	118.58		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4212-0055-0065	19408-74-3	126.39		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4212-0055-0065	35822-46-9	2423.43		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	OCDD	CMS-SD-4212-0055-0065	3268-87-9	15397.13		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	2,3,7,8-TCDF	CMS-SD-4212-0055-0065	51207-31-9	168.86		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4212-0055-0065	57117-41-6	23.26	J	PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4212-0055-0065	57117-31-4	56.26		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4212-0055-0065	70648-26-9	166.03		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4212-0055-0065	57117-44-9	180.05		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4212-0055-0065	72918-21-9	1.10		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4212-0055-0065	60851-34-5	91.66		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4212-0055-0065	67562-39-4	2838.32		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4212-0055-0065	55673-89-7	69.48		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	OCDF	CMS-SD-4212-0055-0065	39001-02-0	1748.66		PG/G_DRYWT		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4212-0055-0065	76523-40-5	40		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4212-0055-0065	109719-79-1	64		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4212-0055-0065	109719-80-4	61		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4212-0055-0065	109719-81-5	53		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4212-0055-0065	109719-83-7	69		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-OCDD	CMS-SD-4212-0055-0065	114423-97-1	67		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4212-0055-0065	89059-46-1	25		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4212-0055-0065	109719-77-9	61		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4212-0055-0065	116843-02-8	59		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4212-0055-0065	114423-98-2	59		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4212-0055-0065	116843-03-9	58		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4212-0055-0065	116843-04-0	66		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4212-0055-0065	116843-05-1	64		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4212-0055-0065	116843-09-5	70		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4212-0055-0065	109719-94-0	65		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03
CMS-SD-4212-0055-0065	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4212-0055-0065	85508-50-5	52		PCT_REC		49715-59	BCO	49715-59-03	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.89	2.06		1	75.21	Lab Login ID = 49913-37-23	3	N	15962.06	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	2.26	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	33.46	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.14	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	34.23	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.16	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	118.58	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.12	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	126.39	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	15.40	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	2423.43	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.14	20.59		1	75.21	Lab Login ID = 49913-37-23	3	N	15397.13	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.95	2.06		1	75.21	Lab Login ID = 49913-37-23	3	N	168.86	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	23.28	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	23.26	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	23.14	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	56.26	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	0.79	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	166.03	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	0.93	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	180.05	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	0.85	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	1.1	UJ	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	1.08	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	91.66	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	20.15	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	2838.32	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	24.78	10.30		1	75.21	Lab Login ID = 49913-37-23	3	N	69.48	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B	0.67	20.59		1	75.21	Lab Login ID = 49913-37-23	3	N	1748.66	J	
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			
CMS-SD-4212-0055-0065	4-Oct-03	MOD 1613B				1	75.21	Lab Login ID = 49913-37-23	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4212-0125-0135	DIOX	2,3,7,8-TCDD	CMS-SD-4212-0125-0135	1746-01-6	150.94		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4212-0125-0135	40321-76-4	1.50		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4212-0125-0135	39227-28-6	0.81		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4212-0125-0135	57653-85-7	1.75		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4212-0125-0135	19408-74-3	2.14		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4212-0125-0135	35822-46-9	19.61		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	OCDD	CMS-SD-4212-0125-0135	3268-87-9	178.62		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	2,3,7,8-TCDF	CMS-SD-4212-0125-0135	51207-31-9	3.84		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4212-0125-0135	57117-41-6	1.85		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4212-0125-0135	57117-31-4	2.10		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4212-0125-0135	70648-26-9	3.62		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4212-0125-0135	57117-44-9	3.20		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4212-0125-0135	72918-21-9	0.96	J	PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4212-0125-0135	60851-34-5	2.03	J	PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4212-0125-0135	67562-39-4	20.74		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4212-0125-0135	55673-89-7	1.84	J	PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	OCDF	CMS-SD-4212-0125-0135	39001-02-0	18.71		PG/G_DRYWT		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4212-0125-0135	76523-40-5	52		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4212-0125-0135	109719-79-1	75		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4212-0125-0135	109719-80-4	63		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4212-0125-0135	109719-81-5	66		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4212-0125-0135	109719-83-7	66		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-OCDD	CMS-SD-4212-0125-0135	114423-97-1	65		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4212-0125-0135	89059-46-1	33		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4212-0125-0135	109719-77-9	72		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4212-0125-0135	116843-02-8	73		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4212-0125-0135	114423-98-2	67		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4212-0125-0135	116843-03-9	64		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4212-0125-0135	116843-04-0	72		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4212-0125-0135	116843-05-1	69		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4212-0125-0135	116843-09-5	70		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4212-0125-0135	109719-94-0	60		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03
CMS-SD-4212-0125-0135	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4212-0125-0135	85508-50-5	39		PCT_REC		49715-59	BCO	49715-59-04	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.64	1.60		1	68.57	Lab Login ID = 49913-37-24	3	N	150.94		
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.58	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	1.5	J	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.47	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	0.81	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.43	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	1.75	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.43	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	2.14	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	9.15	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	19.61	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.62	15.99		1	68.57	Lab Login ID = 49913-37-24	3	N	178.62	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.53	1.60		1	68.57	Lab Login ID = 49913-37-24	3	N	3.84		
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.56	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	1.85	J	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.54	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	2.1	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	2.63	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	3.62	UJ	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	3.11	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	3.2	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	3.08	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	0.96	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	3.95	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	2.03	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	7.65	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	20.74	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	10.83	8.00		1	68.57	Lab Login ID = 49913-37-24	3	N	1.84	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B	0.42	15.99		1	68.57	Lab Login ID = 49913-37-24	3	N	18.71	U	
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			
CMS-SD-4212-0125-0135	4-Oct-03	MOD 1613B				1	68.57	Lab Login ID = 49913-37-24	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4212-0000-0010	DIOX	2,3,7,8-TCDD	CMS-SD-4212-0000-0010	1746-01-6	8933.85		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4212-0000-0010	40321-76-4	16.75		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4212-0000-0010	39227-28-6	49.26		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4212-0000-0010	57653-85-7	68.62		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4212-0000-0010	19408-74-3	65.03		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4212-0000-0010	35822-46-9	1699.30		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	OCDD	CMS-SD-4212-0000-0010	3268-87-9	12004.00		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	2,3,7,8-TCDF	CMS-SD-4212-0000-0010	51207-31-9	42.28		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4212-0000-0010	57117-41-6	6.26		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4212-0000-0010	57117-31-4	15.77		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4212-0000-0010	70648-26-9	39.14		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4212-0000-0010	57117-44-9	34.54		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4212-0000-0010	72918-21-9	0.55		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4212-0000-0010	60851-34-5	20.35		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4212-0000-0010	67562-39-4	439.87		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4212-0000-0010	55673-89-7	22.85		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	OCDF	CMS-SD-4212-0000-0010	39001-02-0	769.83		PG/G_DRYWT		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4212-0000-0010	76523-40-5	28		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4212-0000-0010	109719-79-1	46		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4212-0000-0010	109719-80-4	55		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4212-0000-0010	109719-81-5	39		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4212-0000-0010	109719-83-7	66		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-OCDD	CMS-SD-4212-0000-0010	114423-97-1	67		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4212-0000-0010	89059-46-1	17	&	PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4212-0000-0010	109719-77-9	47		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4212-0000-0010	116843-02-8	47		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4212-0000-0010	114423-98-2	58		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4212-0000-0010	116843-03-9	56		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4212-0000-0010	116843-04-0	67		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4212-0000-0010	116843-05-1	62		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4212-0000-0010	116843-09-5	64		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4212-0000-0010	109719-94-0	63		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03
CMS-SD-4212-0000-0010	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4212-0000-0010	85508-50-5	32		PCT_REC		49715-59	BCO	49715-59-05	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	1.20	1.70		1	70.62	Lab Login ID = 49913-38-02	3	N	8933.85	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	1.31	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	16.75	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.76	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	49.26	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.91	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	68.62	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.81	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	65.03	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	9.97	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	1699.3	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.79	17.02		1	70.62	Lab Login ID = 49913-38-02	3	N	12004	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	1.10	1.70		1	70.62	Lab Login ID = 49913-38-02	3	N	42.28	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	1.88	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	6.26	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	1.99	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	15.77	UJ	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.46	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	39.14	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.54	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	34.54	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.45	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	0.55	UJ	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.52	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	20.35	UJ	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	8.27	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	439.87	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	10.06	8.51		1	70.62	Lab Login ID = 49913-38-02	3	N	22.85	UJ	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B	0.67	17.02		1	70.62	Lab Login ID = 49913-38-02	3	N	769.83	J	
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			
CMS-SD-4212-0000-0010	4-Oct-03	MOD 1613B				1	70.62	Lab Login ID = 49913-38-02	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4222-0125-0135	DIOX	2,3,7,8-TCDD	CMS-SD-4222-0125-0135	1746-01-6	29.84		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4222-0125-0135	40321-76-4	1.51		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4222-0125-0135	39227-28-6	0.49	J	PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4222-0125-0135	57653-85-7	1.69		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4222-0125-0135	19408-74-3	1.83		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4222-0125-0135	35822-46-9	17.80		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	OCDD	CMS-SD-4222-0125-0135	3268-87-9	206.49		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	2,3,7,8-TCDF	CMS-SD-4222-0125-0135	51207-31-9	192.97		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4222-0125-0135	57117-41-6	19.37		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4222-0125-0135	57117-31-4	9.12		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4222-0125-0135	70648-26-9	30.93		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4222-0125-0135	57117-44-9	37.60		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4222-0125-0135	72918-21-9	1.15		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4222-0125-0135	60851-34-5	17.15		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4222-0125-0135	67562-39-4	778.22		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4222-0125-0135	55673-89-7	16.07		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	OCDF	CMS-SD-4222-0125-0135	39001-02-0	3606.83		PG/G_DRYWT		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4222-0125-0135	76523-40-5	57		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4222-0125-0135	109719-79-1	70		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4222-0125-0135	109719-80-4	69		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4222-0125-0135	109719-81-5	64		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4222-0125-0135	109719-83-7	74		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-OCDD	CMS-SD-4222-0125-0135	114423-97-1	67		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4222-0125-0135	89059-46-1	40		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4222-0125-0135	109719-77-9	70		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4222-0125-0135	116843-02-8	68		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4222-0125-0135	114423-98-2	69		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4222-0125-0135	116843-03-9	62		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4222-0125-0135	116843-04-0	65		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4222-0125-0135	116843-05-1	71		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4222-0125-0135	116843-09-5	73		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4222-0125-0135	109719-94-0	69		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03
CMS-SD-4222-0125-0135	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4222-0125-0135	85508-50-5	40		PCT_REC		49715-59	BCO	49715-59-07	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.70	1.67		1	70.04	Lab Login ID = 49913-38-04	3	N	29.84	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.42	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	1.51	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.87	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	0.49	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.81	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	1.69	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.82	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	1.83	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	4.21	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	17.8	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	1.26	16.70		1	70.04	Lab Login ID = 49913-38-04	3	N	206.49	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.42	1.67		1	70.04	Lab Login ID = 49913-38-04	3	N	192.97	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.96	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	19.37	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.98	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	9.12	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.75	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	30.93	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.94	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	37.6	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.97	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	1.15	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.94	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	17.15	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	6.19	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	778.22	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	7.86	8.35		1	70.04	Lab Login ID = 49913-38-04	3	N	16.07	UJ	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B	0.99	16.70		1	70.04	Lab Login ID = 49913-38-04	3	N	3606.83	J	
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			
CMS-SD-4222-0125-0135	4-Oct-03	MOD 1613B				1	70.04	Lab Login ID = 49913-38-04	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0190-0200	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0190-0200	1746-01-6	13.90		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0190-0200	40321-76-4	14.85		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0190-0200	39227-28-6	24.91		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0190-0200	57653-85-7	50.15		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0190-0200	19408-74-3	105.16		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0190-0200	35822-46-9	861.93		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	OCDD	LPX-SD-4208-0190-0200	3268-87-9	3604.86		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0190-0200	51207-31-9	48.54		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0190-0200	57117-41-6	75.46		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0190-0200	57117-31-4	53.80		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0190-0200	70648-26-9	241.61		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0190-0200	57117-44-9	336.49		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0190-0200	72918-21-9	16.01		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0190-0200	60851-34-5	87.44		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0190-0200	67562-39-4	2096.61		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0190-0200	55673-89-7	170.40		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	OCDF	LPX-SD-4208-0190-0200	39001-02-0	2820.27		PG/G_DRYWT		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0190-0200	76523-40-5	55		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0190-0200	109719-79-1	60		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0190-0200	109719-80-4	60		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0190-0200	109719-81-5	63		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0190-0200	109719-83-7	67		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-OCDD	LPX-SD-4208-0190-0200	114423-97-1	68		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0190-0200	89059-46-1	39		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0190-0200	109719-77-9	67		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0190-0200	116843-02-8	64		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0190-0200	114423-98-2	62		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0190-0200	116843-03-9	58		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0190-0200	116843-04-0	68		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0190-0200	116843-05-1	65		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0190-0200	116843-09-5	67		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0190-0200	109719-94-0	65		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03
LPX-SD-4208-0190-0200	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0190-0200	85508-50-5	42		PCT_REC		49715-59	BCO	49715-59-09	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.59	1.96		1	74.56	Lab Login ID = 49913-38-06	3	N	13.9	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.73	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	14.85	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.60	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	24.91	UJ	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.55	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	50.15	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.56	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	105.16	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	6.04	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	861.93	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.90	19.56		1	74.56	Lab Login ID = 49913-38-06	3	N	3604.86	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.56	1.96		1	74.56	Lab Login ID = 49913-38-06	3	N	48.54	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	15.75	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	75.46	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	16.13	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	53.8	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.52	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	241.61	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.63	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	336.49	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.59	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	16.01	UJ	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.63	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	87.44	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	5.45	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	2096.61	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	6.71	9.78		1	74.56	Lab Login ID = 49913-38-06	3	N	170.4	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B	0.87	19.56		1	74.56	Lab Login ID = 49913-38-06	3	N	2820.27	J	
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			
LPX-SD-4208-0190-0200	4-Oct-03	MOD 1613B				1	74.56	Lab Login ID = 49913-38-06	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0000-0010	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0000-0010	1746-01-6	4311.95		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0000-0010	40321-76-4	11.17		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0000-0010	39227-28-6	14.49		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0000-0010	57653-85-7	46.56		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0000-0010	19408-74-3	48.38		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0000-0010	35822-46-9	1150.34		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	OCDD	LPX-SD-4208-0000-0010	3268-87-9	8786.35		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0000-0010	51207-31-9	29.55		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0000-0010	57117-41-6	8.28	J	PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0000-0010	57117-31-4	11.74	J	PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0000-0010	70648-26-9	28.13		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0000-0010	57117-44-9	27.24		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0000-0010	72918-21-9	2.92	J	PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0000-0010	60851-34-5	17.14		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0000-0010	67562-39-4	408.59		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0000-0010	55673-89-7	20.46		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	OCDF	LPX-SD-4208-0000-0010	39001-02-0	708.14		PG/G_DRYWT		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0000-0010	76523-40-5	73		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0000-0010	109719-79-1	70		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0000-0010	109719-80-4	62		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0000-0010	109719-81-5	73		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0000-0010	109719-83-7	73		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-OCDD	LPX-SD-4208-0000-0010	114423-97-1	72		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0000-0010	89059-46-1	54		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0000-0010	109719-77-9	73		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0000-0010	116843-02-8	74		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0000-0010	114423-98-2	61		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0000-0010	116843-03-9	62		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0000-0010	116843-04-0	69		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0000-0010	116843-05-1	64		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0000-0010	116843-09-5	73		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0000-0010	109719-94-0	62		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03
LPX-SD-4208-0000-0010	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0000-0010	85508-50-5	61		PCT_REC		49715-59	BCO	49715-59-10	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.07	2.07		1	75.98	Lab Login ID = 49913-38-07	3	N	4311.95	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	2.70	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	11.17	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.57	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	14.49	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.46	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	46.56	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.47	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	48.38	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	12.69	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	1150.34	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.21	20.74		1	75.98	Lab Login ID = 49913-38-07	3	N	8786.35	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.42	2.07		1	75.98	Lab Login ID = 49913-38-07	3	N	29.55	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	23.77	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	8.28	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	22.92	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	11.74	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	11.67	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	28.13	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	13.41	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	27.24	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	13.05	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	2.92	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	17.03	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	17.14	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	8.24	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	408.59	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	11.43	10.37		1	75.98	Lab Login ID = 49913-38-07	3	N	20.46	UJ	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B	1.72	20.74		1	75.98	Lab Login ID = 49913-38-07	3	N	708.14	J	
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			
LPX-SD-4208-0000-0010	5-Oct-03	MOD 1613B				1	75.98	Lab Login ID = 49913-38-07	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4220-0060-0070	DIOX	2,3,7,8-TCDD	CMS-SD-4220-0060-0070	1746-01-6	653.17		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4220-0060-0070	40321-76-4	1.51		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4220-0060-0070	39227-28-6	2.44		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4220-0060-0070	57653-85-7	6.88		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4220-0060-0070	19408-74-3	7.36		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4220-0060-0070	35822-46-9	125.92		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	OCDD	CMS-SD-4220-0060-0070	3268-87-9	974.69		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	2,3,7,8-TCDF	CMS-SD-4220-0060-0070	51207-31-9	4.96		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4220-0060-0070	57117-41-6	1.24	J	PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4220-0060-0070	57117-31-4	1.82	J	PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4220-0060-0070	70648-26-9	4.79		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4220-0060-0070	57117-44-9	4.51		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4220-0060-0070	72918-21-9	1.04	J	PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4220-0060-0070	60851-34-5	4.30		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4220-0060-0070	67562-39-4	54.89		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4220-0060-0070	55673-89-7	5.69		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	OCDF	CMS-SD-4220-0060-0070	39001-02-0	91.91		PG/G_DRYWT		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4220-0060-0070	76523-40-5	62		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4220-0060-0070	109719-79-1	63		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4220-0060-0070	109719-80-4	62		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4220-0060-0070	109719-81-5	63		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4220-0060-0070	109719-83-7	77		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-OCDD	CMS-SD-4220-0060-0070	114423-97-1	81		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4220-0060-0070	89059-46-1	33		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4220-0060-0070	109719-77-9	67		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4220-0060-0070	116843-02-8	67		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4220-0060-0070	114423-98-2	58		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4220-0060-0070	116843-03-9	58		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4220-0060-0070	116843-04-0	66		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4220-0060-0070	116843-05-1	61		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4220-0060-0070	116843-09-5	70		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4220-0060-0070	109719-94-0	78		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03
CMS-SD-4220-0060-0070	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4220-0060-0070	85508-50-5	43		PCT_REC		49715-59	BCO	49715-59-11	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.68	0.92		1	45.73	Lab Login ID = 49913-38-08	3	N	653.17		
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	1.10	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	1.51	J	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.77	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	2.44	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.71	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	6.88	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.72	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	7.36	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	4.90	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	125.92		
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.64	9.16		1	45.73	Lab Login ID = 49913-38-08	3	N	974.69		
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.86	0.92		1	45.73	Lab Login ID = 49913-38-08	3	N	4.96		
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	4.60	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	1.24	J	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	4.46	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	1.82	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	1.94	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	4.79	UJ	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	2.23	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	4.51	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	2.16	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	1.04	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	2.46	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	4.3	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	3.18	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	54.89		
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	3.33	4.58		1	45.73	Lab Login ID = 49913-38-08	3	N	5.69	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B	0.90	9.16		1	45.73	Lab Login ID = 49913-38-08	3	N	91.91	U	
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			
CMS-SD-4220-0060-0070	5-Oct-03	MOD 1613B				1	45.73	Lab Login ID = 49913-38-08	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4220-0030-0040	DIOX	2,3,7,8-TCDD	CMS-SD-4220-0030-0040	1746-01-6	8373.18		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4220-0030-0040	40321-76-4	14.75		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4220-0030-0040	39227-28-6	18.07		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4220-0030-0040	57653-85-7	68.53		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4220-0030-0040	19408-74-3	65.51		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4220-0030-0040	35822-46-9	1490.12		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	OCDD	CMS-SD-4220-0030-0040	3268-87-9	10257.87		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	2,3,7,8-TCDF	CMS-SD-4220-0030-0040	51207-31-9	43.51		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4220-0030-0040	57117-41-6	12.51	J	PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4220-0030-0040	57117-31-4	15.51	J	PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4220-0030-0040	70648-26-9	36.60		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4220-0030-0040	57117-44-9	37.00		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4220-0030-0040	72918-21-9	2.03	J	PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4220-0030-0040	60851-34-5	22.35	J	PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4220-0030-0040	67562-39-4	487.96		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4220-0030-0040	55673-89-7	20.98		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	OCDF	CMS-SD-4220-0030-0040	39001-02-0	771.96		PG/G_DRYWT		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4220-0030-0040	76523-40-5	27		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4220-0030-0040	109719-79-1	25		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4220-0030-0040	109719-80-4	24	&	PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4220-0030-0040	109719-81-5	25		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4220-0030-0040	109719-83-7	29		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-OCDD	CMS-SD-4220-0030-0040	114423-97-1	29		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4220-0030-0040	89059-46-1	13	&	PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4220-0030-0040	109719-77-9	25		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4220-0030-0040	116843-02-8	25		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4220-0030-0040	114423-98-2	26		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4220-0030-0040	116843-03-9	23	&	PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4220-0030-0040	116843-04-0	26		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4220-0030-0040	116843-05-1	26		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4220-0030-0040	116843-09-5	28		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4220-0030-0040	109719-94-0	26		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03
CMS-SD-4220-0030-0040	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4220-0030-0040	85508-50-5	43		PCT_REC		49715-59	BCO	49715-59-12	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	2.75	1.73		1	71.06	Lab Login ID = 49913-38-09	3	N	8373.18	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	4.05	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	14.75	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	2.53	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	18.07	UJ	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	2.25	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	68.53	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	2.32	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	65.51	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	56.99	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	1490.12	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	2.15	17.28		1	71.06	Lab Login ID = 49913-38-09	3	N	10257.87	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	3.42	1.73		1	71.06	Lab Login ID = 49913-38-09	3	N	43.51	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	35.78	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	12.51	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	34.47	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	15.51	UJ	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	18.00	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	36.6	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	22.57	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	37	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	22.97	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	2.03	UJ	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	23.81	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	22.35	UJ	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	13.98	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	487.96	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	17.66	8.64		1	71.06	Lab Login ID = 49913-38-09	3	N	20.98	UJ	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B	2.83	17.28		1	71.06	Lab Login ID = 49913-38-09	3	N	771.96	J	
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			
CMS-SD-4220-0030-0040	5-Oct-03	MOD 1613B				1	71.06	Lab Login ID = 49913-38-09	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4220-0120-0130	DIOX	2,3,7,8-TCDD	CMS-SD-4220-0120-0130	1746-01-6	33.37		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4220-0120-0130	40321-76-4	0.65	U	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4220-0120-0130	39227-28-6	0.30	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4220-0120-0130	57653-85-7	0.40	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4220-0120-0130	19408-74-3	0.61	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4220-0120-0130	35822-46-9	5.84		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	OCDD	CMS-SD-4220-0120-0130	3268-87-9	62.70		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	2,3,7,8-TCDF	CMS-SD-4220-0120-0130	51207-31-9	2.11		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4220-0120-0130	57117-41-6	0.63		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4220-0120-0130	57117-31-4	0.69		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4220-0120-0130	70648-26-9	1.43		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4220-0120-0130	57117-44-9	0.64	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4220-0120-0130	72918-21-9	0.67	U	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4220-0120-0130	60851-34-5	0.67	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4220-0120-0130	67562-39-4	3.22	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4220-0120-0130	55673-89-7	0.30	J	PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	OCDF	CMS-SD-4220-0120-0130	39001-02-0	3.99		PG/G_DRYWT		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4220-0120-0130	76523-40-5	81		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4220-0120-0130	109719-79-1	84		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4220-0120-0130	109719-80-4	69		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4220-0120-0130	109719-81-5	78		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4220-0120-0130	109719-83-7	81		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-OCDD	CMS-SD-4220-0120-0130	114423-97-1	76		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4220-0120-0130	89059-46-1	45		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4220-0120-0130	109719-77-9	90		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4220-0120-0130	116843-02-8	91		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4220-0120-0130	114423-98-2	73		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4220-0120-0130	116843-03-9	69		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4220-0120-0130	116843-04-0	80		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4220-0120-0130	116843-05-1	75		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4220-0120-0130	116843-09-5	77		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4220-0120-0130	109719-94-0	62		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03
CMS-SD-4220-0120-0130	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4220-0120-0130	85508-50-5	53		PCT_REC		49715-59	BCO	49715-59-13	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.57	1.12		1	55.83	Lab Login ID = 49913-38-10	3	N	33.37		
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.65	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.65	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.79	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.3	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.70	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.4	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.72	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.61	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	4.51	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	5.84	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.50	11.21		1	55.83	Lab Login ID = 49913-38-10	3	N	62.7	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.46	1.12		1	55.83	Lab Login ID = 49913-38-10	3	N	2.11		
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.57	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.63	J	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.55	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.69	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.56	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	1.43	UJ	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.66	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.64	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.67	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.67	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.75	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.67	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	3.29	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	3.22	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	4.79	5.61		1	55.83	Lab Login ID = 49913-38-10	3	N	0.3	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B	0.52	11.21		1	55.83	Lab Login ID = 49913-38-10	3	N	3.99	U	
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			
CMS-SD-4220-0120-0130	5-Oct-03	MOD 1613B				1	55.83	Lab Login ID = 49913-38-10	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4209-0145-0155	DIOX	2,3,7,8-TCDD	LPX-SD-4209-0145-0155	1746-01-6	1331.01		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4209-0145-0155	40321-76-4	15.74		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4209-0145-0155	39227-28-6	13.65		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4209-0145-0155	57653-85-7	52.27		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4209-0145-0155	19408-74-3	48.49		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4209-0145-0155	35822-46-9	788.59		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	OCDD	LPX-SD-4209-0145-0155	3268-87-9	4799.27		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	2,3,7,8-TCDF	LPX-SD-4209-0145-0155	51207-31-9	126.29		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4209-0145-0155	57117-41-6	24.15	J	PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4209-0145-0155	57117-31-4	42.50	J	PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4209-0145-0155	70648-26-9	88.85		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4209-0145-0155	57117-44-9	80.99		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4209-0145-0155	72918-21-9	0.75	U	PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4209-0145-0155	60851-34-5	32.41		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4209-0145-0155	67562-39-4	905.20		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4209-0145-0155	55673-89-7	26.35		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	OCDF	LPX-SD-4209-0145-0155	39001-02-0	662.72		PG/G_DRYWT		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4209-0145-0155	76523-40-5	63		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4209-0145-0155	109719-79-1	73		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4209-0145-0155	109719-80-4	73		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4209-0145-0155	109719-81-5	78		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4209-0145-0155	109719-83-7	74		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-OCDD	LPX-SD-4209-0145-0155	114423-97-1	78		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4209-0145-0155	89059-46-1	32		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4209-0145-0155	109719-77-9	77		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4209-0145-0155	116843-02-8	74		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4209-0145-0155	114423-98-2	69		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4209-0145-0155	116843-03-9	67		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4209-0145-0155	116843-04-0	70		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4209-0145-0155	116843-05-1	71		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4209-0145-0155	116843-09-5	71		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4209-0145-0155	109719-94-0	62		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03
LPX-SD-4209-0145-0155	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4209-0145-0155	85508-50-5	49		PCT_REC		49715-59	BCO	49715-59-14	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.60	1.42		1	64.93	Lab Login ID = 49913-38-11	3	N	1331.01	J	
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	2.22	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	15.74		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.87	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	13.65	U	
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.87	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	52.27		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.85	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	48.49	U	
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.66	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	788.59		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.47	14.24		1	64.93	Lab Login ID = 49913-38-11	3	N	4799.27		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	1.11	1.42		1	64.93	Lab Login ID = 49913-38-11	3	N	126.29		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	70.19	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	24.15		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	70.31	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	42.5		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.62	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	88.85	J	
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.71	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	80.99		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.75	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	0.75	U	
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.92	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	32.41		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	11.99	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	905.2		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	16.62	7.12		1	64.93	Lab Login ID = 49913-38-11	3	N	26.35	U	
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B	0.47	14.24		1	64.93	Lab Login ID = 49913-38-11	3	N	662.72		
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			
LPX-SD-4209-0145-0155	5-Oct-03	MOD 1613B				1	64.93	Lab Login ID = 49913-38-11	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4209-0000-0010	DIOX	2,3,7,8-TCDD	LPX-SD-4209-0000-0010	1746-01-6	4174.28		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4209-0000-0010	40321-76-4	9.94		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4209-0000-0010	39227-28-6	13.61		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4209-0000-0010	57653-85-7	37.79		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4209-0000-0010	19408-74-3	41.79		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4209-0000-0010	35822-46-9	1077.29		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	OCDD	LPX-SD-4209-0000-0010	3268-87-9	10170.82		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	2,3,7,8-TCDF	LPX-SD-4209-0000-0010	51207-31-9	24.47		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4209-0000-0010	57117-41-6	6.57	J	PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4209-0000-0010	57117-31-4	11.33	J	PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4209-0000-0010	70648-26-9	26.11		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4209-0000-0010	57117-44-9	24.50		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4209-0000-0010	72918-21-9	0.31	J	PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4209-0000-0010	60851-34-5	12.59		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4209-0000-0010	67562-39-4	344.09		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4209-0000-0010	55673-89-7	16.10		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	OCDF	LPX-SD-4209-0000-0010	39001-02-0	708.33		PG/G_DRYWT		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4209-0000-0010	76523-40-5	57		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4209-0000-0010	109719-79-1	82		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4209-0000-0010	109719-80-4	78		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4209-0000-0010	109719-81-5	63		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4209-0000-0010	109719-83-7	84		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-OCDD	LPX-SD-4209-0000-0010	114423-97-1	83		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4209-0000-0010	89059-46-1	26		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4209-0000-0010	109719-77-9	83		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4209-0000-0010	116843-02-8	73		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4209-0000-0010	114423-98-2	72		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4209-0000-0010	116843-03-9	70		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4209-0000-0010	116843-04-0	81		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4209-0000-0010	116843-05-1	82		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4209-0000-0010	116843-09-5	80		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4209-0000-0010	109719-94-0	78		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03
LPX-SD-4209-0000-0010	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4209-0000-0010	85508-50-5	49		PCT_REC		49715-59	BCO	49715-59-15	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	0.99	1.91		1	74.03	Lab Login ID = 49913-38-12	3	N	4174.28	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	1.82	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	9.94	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	0.78	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	13.61	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	0.92	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	37.79	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	0.83	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	41.79	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	13.77	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	1077.29	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	0.99	19.10		1	74.03	Lab Login ID = 49913-38-12	3	N	10170.82	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	1.12	1.91		1	74.03	Lab Login ID = 49913-38-12	3	N	24.47	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	9.16	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	6.57	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	12.00	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	11.33	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	5.26	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	26.11	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	6.11	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	24.5	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	5.35	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	0.31	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	6.14	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	12.59	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	9.95	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	344.09	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	12.27	9.55		1	74.03	Lab Login ID = 49913-38-12	3	N	16.1	UJ	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B	1.02	19.10		1	74.03	Lab Login ID = 49913-38-12	3	N	708.33	J	
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			
LPX-SD-4209-0000-0010	5-Oct-03	MOD 1613B				1	74.03	Lab Login ID = 49913-38-12	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4201-0125-0135	DIOX	2,3,7,8-TCDD	LPX-SD-4201-0125-0135	1746-01-6	11.82		PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4201-0125-0135	40321-76-4	3.14	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4201-0125-0135	39227-28-6	15.45	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4201-0125-0135	57653-85-7	15.16	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4201-0125-0135	19408-74-3	14.93	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4201-0125-0135	35822-46-9	8.95	J	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	OCDD	LPX-SD-4201-0125-0135	3268-87-9	92.70		PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	2,3,7,8-TCDF	LPX-SD-4201-0125-0135	51207-31-9	1.34	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4201-0125-0135	57117-41-6	3.56	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4201-0125-0135	57117-31-4	3.25	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4201-0125-0135	70648-26-9	3.07	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4201-0125-0135	57117-44-9	3.44	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4201-0125-0135	72918-21-9	3.62	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4201-0125-0135	60851-34-5	3.60	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4201-0125-0135	67562-39-4	4.26	J	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4201-0125-0135	55673-89-7	9.00	U	PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	OCDF	LPX-SD-4201-0125-0135	39001-02-0	7.05		PG/G_DRYWT		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4201-0125-0135	76523-40-5	78		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4201-0125-0135	109719-79-1	81		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4201-0125-0135	109719-80-4	79		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4201-0125-0135	109719-81-5	76		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4201-0125-0135	109719-83-7	85		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-OCDD	LPX-SD-4201-0125-0135	114423-97-1	89		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4201-0125-0135	89059-46-1	65		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4201-0125-0135	109719-77-9	83		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4201-0125-0135	116843-02-8	83		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4201-0125-0135	114423-98-2	72		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4201-0125-0135	116843-03-9	73		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4201-0125-0135	116843-04-0	78		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4201-0125-0135	116843-05-1	74		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4201-0125-0135	116843-09-5	74		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4201-0125-0135	109719-94-0	83		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03
LPX-SD-4201-0125-0135	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4201-0125-0135	85508-50-5	54		PCT_REC		49715-59	BCO	49715-59-16	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	1.32	2.42		1	79.42	Lab Login ID = 49913-38-13	3	N	11.82	J	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.14	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.14	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	15.45	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	15.45	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	15.16	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	15.16	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	14.93	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	14.93	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	10.66	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	8.95	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.65	24.20		1	79.42	Lab Login ID = 49913-38-13	3	N	92.7	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	1.34	2.42		1	79.42	Lab Login ID = 49913-38-13	3	N	1.34	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.56	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.56	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.25	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.25	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.07	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.07	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.44	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.44	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.62	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.62	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	3.60	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	3.6	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	8.75	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	4.26	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	9.00	12.10		1	79.42	Lab Login ID = 49913-38-13	3	N	9	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B	4.10	24.20		1	79.42	Lab Login ID = 49913-38-13	3	N	7.05	UJ	
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			
LPX-SD-4201-0125-0135	5-Oct-03	MOD 1613B				1	79.42	Lab Login ID = 49913-38-13	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4222-0085-0095	DIOX	2,3,7,8-TCDD	CMS-SD-4222-0085-0095	1746-01-6	1045.69		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4222-0085-0095	40321-76-4	22.98		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4222-0085-0095	39227-28-6	37.81		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4222-0085-0095	57653-85-7	124.93		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4222-0085-0095	19408-74-3	149.10		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4222-0085-0095	35822-46-9	2051.00		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	OCDD	CMS-SD-4222-0085-0095	3268-87-9	11046.33		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	2,3,7,8-TCDF	CMS-SD-4222-0085-0095	51207-31-9	130.65		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4222-0085-0095	57117-41-6	33.86	J	PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4222-0085-0095	57117-31-4	92.41	J	PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4222-0085-0095	70648-26-9	284.03		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4222-0085-0095	57117-44-9	214.47		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4222-0085-0095	72918-21-9	1.61	U	PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4222-0085-0095	60851-34-5	80.98		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4222-0085-0095	67562-39-4	2278.03		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4222-0085-0095	55673-89-7	83.65		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	OCDF	CMS-SD-4222-0085-0095	39001-02-0	1426.23		PG/G_DRYWT		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4222-0085-0095	76523-40-5	62		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4222-0085-0095	109719-79-1	83		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4222-0085-0095	109719-80-4	83		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4222-0085-0095	109719-81-5	63		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4222-0085-0095	109719-83-7	91		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-OCDD	CMS-SD-4222-0085-0095	114423-97-1	90		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4222-0085-0095	89059-46-1	27		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4222-0085-0095	109719-77-9	90		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4222-0085-0095	116843-02-8	86		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4222-0085-0095	114423-98-2	84		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4222-0085-0095	116843-03-9	81		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4222-0085-0095	116843-04-0	86		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4222-0085-0095	116843-05-1	87		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4222-0085-0095	116843-09-5	87		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4222-0085-0095	109719-94-0	86		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03
CMS-SD-4222-0085-0095	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4222-0085-0095	85508-50-5	46		PCT_REC		49715-59	BCO	49715-59-17	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	0.75	1.82		1	72.82	Lab Login ID = 49913-38-14	3	N	1045.69	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	12.89	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	22.98	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	2.55	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	37.81	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	3.13	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	124.93	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	2.75	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	149.1	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.28	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	2051	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.24	18.22		1	72.82	Lab Login ID = 49913-38-14	3	N	11046.33	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.79	1.82		1	72.82	Lab Login ID = 49913-38-14	3	N	130.65	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	259.10	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	33.86	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	267.20	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	92.41	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.46	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	284.03	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.72	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	214.47	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.61	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	1.61	UJ	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	1.89	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	80.98	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	24.79	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	2278.03	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	30.56	9.11		1	72.82	Lab Login ID = 49913-38-14	3	N	83.65	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B	0.95	18.22		1	72.82	Lab Login ID = 49913-38-14	3	N	1426.23	J	
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			
CMS-SD-4222-0085-0095	5-Oct-03	MOD 1613B				1	72.82	Lab Login ID = 49913-38-14	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
CMS-SD-4222-0025-0035	DIOX	2,3,7,8-TCDD	CMS-SD-4222-0025-0035	1746-01-6	6620.01		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,7,8-PeCDD	CMS-SD-4222-0025-0035	40321-76-4	8.35		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,4,7,8-HxCDD	CMS-SD-4222-0025-0035	39227-28-6	8.48		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,6,7,8-HxCDD	CMS-SD-4222-0025-0035	57653-85-7	38.48		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,7,8,9-HxCDD	CMS-SD-4222-0025-0035	19408-74-3	27.40		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,4,6,7,8-HpCDD	CMS-SD-4222-0025-0035	35822-46-9	873.19		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	OCDD	CMS-SD-4222-0025-0035	3268-87-9	7402.85		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	2,3,7,8-TCDF	CMS-SD-4222-0025-0035	51207-31-9	34.75		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,7,8-PeCDF	CMS-SD-4222-0025-0035	57117-41-6	7.31	J	PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	2,3,4,7,8-PeCDF	CMS-SD-4222-0025-0035	57117-31-4	12.83		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,4,7,8-HxCDF	CMS-SD-4222-0025-0035	70648-26-9	27.99		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,6,7,8-HxCDF	CMS-SD-4222-0025-0035	57117-44-9	23.58		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,7,8,9-HxCDF	CMS-SD-4222-0025-0035	72918-21-9	1.32	J	PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	2,3,4,6,7,8-HxCDF	CMS-SD-4222-0025-0035	60851-34-5	14.38	J	PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,4,6,7,8-HpCDF	CMS-SD-4222-0025-0035	67562-39-4	299.56		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	1,2,3,4,7,8,9-HpCDF	CMS-SD-4222-0025-0035	55673-89-7	14.28		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	OCDF	CMS-SD-4222-0025-0035	39001-02-0	505.83		PG/G_DRYWT		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-2,3,7,8-TCDD	CMS-SD-4222-0025-0035	76523-40-5	65		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,7,8-PeCDD	CMS-SD-4222-0025-0035	109719-79-1	88		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,4,7,8-HxCDD	CMS-SD-4222-0025-0035	109719-80-4	76		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,6,7,8-HxCDD	CMS-SD-4222-0025-0035	109719-81-5	76		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,4,6,7,8-HpCDD	CMS-SD-4222-0025-0035	109719-83-7	85		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-OCDD	CMS-SD-4222-0025-0035	114423-97-1	82		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-2,3,7,8-TCDF	CMS-SD-4222-0025-0035	89059-46-1	39		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,7,8-PeCDF	CMS-SD-4222-0025-0035	109719-77-9	88		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-2,3,4,7,8-PeCDF	CMS-SD-4222-0025-0035	116843-02-8	87		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,4,7,8-HxCDF	CMS-SD-4222-0025-0035	114423-98-2	67		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,6,7,8-HxCDF	CMS-SD-4222-0025-0035	116843-03-9	68		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,7,8,9-HxCDF	CMS-SD-4222-0025-0035	116843-04-0	70		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-2,3,4,6,7,8-HxCDF	CMS-SD-4222-0025-0035	116843-05-1	68		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,4,6,7,8-HpCDF	CMS-SD-4222-0025-0035	116843-09-5	79		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	13C-1,2,3,4,7,8,9-HpCDF	CMS-SD-4222-0025-0035	109719-94-0	79		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03
CMS-SD-4222-0025-0035	DIOX	37Cl-2,3,7,8-TCDD	CMS-SD-4222-0025-0035	85508-50-5	72		PCT_REC		49715-59	BCO	49715-59-18	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	0.68	1.31		1	61.95	Lab Login ID = 49913-38-15	3	N	6620.01	J	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	1.68	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	8.35		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	1.58	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	8.48	U	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	1.54	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	38.48		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	1.52	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	27.4	U	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	26.62	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	873.19		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	0.94	13.13		1	61.95	Lab Login ID = 49913-38-15	3	N	7402.85		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	0.81	1.31		1	61.95	Lab Login ID = 49913-38-15	3	N	34.75		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	11.47	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	7.31	J	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	11.51	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	12.83	U	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	11.77	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	27.99	J	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	13.65	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	23.58		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	14.45	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	1.32	U	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	17.30	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	14.38	U	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	9.63	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	299.56		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	11.17	6.57		1	61.95	Lab Login ID = 49913-38-15	3	N	14.28	U	
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B	0.57	13.13		1	61.95	Lab Login ID = 49913-38-15	3	N	505.83		
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			
CMS-SD-4222-0025-0035	6-Oct-03	MOD 1613B				1	61.95	Lab Login ID = 49913-38-15	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4207-0110-0120	DIOX	2,3,7,8-TCDD	LPX-SD-4207-0110-0120	1746-01-6	1410.05		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4207-0110-0120	40321-76-4	7.82		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4207-0110-0120	39227-28-6	7.74		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4207-0110-0120	57653-85-7	34.08		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4207-0110-0120	19408-74-3	27.59		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4207-0110-0120	35822-46-9	734.42		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	OCDD	LPX-SD-4207-0110-0120	3268-87-9	6394.81		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	2,3,7,8-TCDF	LPX-SD-4207-0110-0120	51207-31-9	25.78		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4207-0110-0120	57117-41-6	4.27		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4207-0110-0120	57117-31-4	11.92		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4207-0110-0120	70648-26-9	22.22		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4207-0110-0120	57117-44-9	16.14		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4207-0110-0120	72918-21-9	1.46	J	PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4207-0110-0120	60851-34-5	12.14		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4207-0110-0120	67562-39-4	175.37		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4207-0110-0120	55673-89-7	9.11		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	OCDF	LPX-SD-4207-0110-0120	39001-02-0	371.86		PG/G_DRYWT		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4207-0110-0120	76523-40-5	67		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4207-0110-0120	109719-79-1	75		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4207-0110-0120	109719-80-4	71		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4207-0110-0120	109719-81-5	75		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4207-0110-0120	109719-83-7	81		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-OCDD	LPX-SD-4207-0110-0120	114423-97-1	90		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4207-0110-0120	89059-46-1	39		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4207-0110-0120	109719-77-9	84		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4207-0110-0120	116843-02-8	80		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4207-0110-0120	114423-98-2	71		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4207-0110-0120	116843-03-9	70		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4207-0110-0120	116843-04-0	80		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4207-0110-0120	116843-05-1	73		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4207-0110-0120	116843-09-5	82		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4207-0110-0120	109719-94-0	82		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03
LPX-SD-4207-0110-0120	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4207-0110-0120	85508-50-5	54		PCT_REC		49715-59	BCO	49715-59-19	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.39	1.07		1	53.34	Lab Login ID = 49913-38-16	3	N	1410.05	J	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.86	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	7.82		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.63	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	7.74	U	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.55	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	34.08		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.57	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	27.59	U	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	24.38	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	734.42		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.41	10.70		1	53.34	Lab Login ID = 49913-38-16	3	N	6394.81		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.82	1.07		1	53.34	Lab Login ID = 49913-38-16	3	N	25.78		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	2.12	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	4.27		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	2.20	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	11.92		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	2.90	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	22.22	J	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	3.35	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	16.14		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	3.30	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	1.46	U	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	4.38	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	12.14	U	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	6.10	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	175.37		
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	7.24	5.35		1	53.34	Lab Login ID = 49913-38-16	3	N	9.11	U	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B	0.53	10.70		1	53.34	Lab Login ID = 49913-38-16	3	N	371.86	U	
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			
LPX-SD-4207-0110-0120	6-Oct-03	MOD 1613B				1	53.34	Lab Login ID = 49913-38-16	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4201-0035-0045	DIOX	2,3,7,8-TCDD	LPX-SD-4201-0035-0045	1746-01-6	7475.42		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4201-0035-0045	40321-76-4	40.48		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4201-0035-0045	39227-28-6	18.92		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4201-0035-0045	57653-85-7	60.77		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4201-0035-0045	19408-74-3	64.53		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4201-0035-0045	35822-46-9	1215.92		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	OCDD	LPX-SD-4201-0035-0045	3268-87-9	7286.78		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	2,3,7,8-TCDF	LPX-SD-4201-0035-0045	51207-31-9	105.92		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4201-0035-0045	57117-41-6	13.69		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4201-0035-0045	57117-31-4	33.07		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4201-0035-0045	70648-26-9	58.26		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4201-0035-0045	57117-44-9	56.37		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4201-0035-0045	72918-21-9	2.48	J	PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4201-0035-0045	60851-34-5	30.21		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4201-0035-0045	67562-39-4	587.54		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4201-0035-0045	55673-89-7	22.21		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	OCDF	LPX-SD-4201-0035-0045	39001-02-0	551.72		PG/G_DRYWT		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4201-0035-0045	76523-40-5	47		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4201-0035-0045	109719-79-1	48		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4201-0035-0045	109719-80-4	48		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4201-0035-0045	109719-81-5	48		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4201-0035-0045	109719-83-7	55		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-OCDD	LPX-SD-4201-0035-0045	114423-97-1	59		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4201-0035-0045	89059-46-1	33		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4201-0035-0045	109719-77-9	50		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4201-0035-0045	116843-02-8	50		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4201-0035-0045	114423-98-2	49		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4201-0035-0045	116843-03-9	48		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4201-0035-0045	116843-04-0	56		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4201-0035-0045	116843-05-1	50		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4201-0035-0045	116843-09-5	55		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4201-0035-0045	109719-94-0	55		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03
LPX-SD-4201-0035-0045	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4201-0035-0045	85508-50-5	57		PCT_REC		49715-59	BCO	49715-59-20	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.60	1.46		1	65.61	Lab Login ID = 49913-38-17	3	N	7475.42	J	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	1.26	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	40.48		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.87	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	18.92	U	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.81	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	60.77		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.82	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	64.53	J	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	27.50	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	1215.92		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.91	14.57		1	65.61	Lab Login ID = 49913-38-17	3	N	7286.78		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.68	1.46		1	65.61	Lab Login ID = 49913-38-17	3	N	105.92		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	3.09	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	13.69		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	3.07	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	33.07		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	5.53	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	58.26	J	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	6.45	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	56.37		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	6.33	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	2.48	U	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	7.56	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	30.21	U	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	6.29	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	587.54		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	7.39	7.28		1	65.61	Lab Login ID = 49913-38-17	3	N	22.21	U	
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B	0.74	14.57		1	65.61	Lab Login ID = 49913-38-17	3	N	551.72		
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			
LPX-SD-4201-0035-0045	6-Oct-03	MOD 1613B				1	65.61	Lab Login ID = 49913-38-17	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4201-0095-0105	DIOX	2,3,7,8-TCDD	LPX-SD-4201-0095-0105	1746-01-6	12.85		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4201-0095-0105	40321-76-4	0.66	J	PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4201-0095-0105	39227-28-6	0.97	U	PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4201-0095-0105	57653-85-7	1.02	U	PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4201-0095-0105	19408-74-3	2.03		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4201-0095-0105	35822-46-9	5.24	J	PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	OCDD	LPX-SD-4201-0095-0105	3268-87-9	74.88		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	2,3,7,8-TCDF	LPX-SD-4201-0095-0105	51207-31-9	1.99		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4201-0095-0105	57117-41-6	1.98		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4201-0095-0105	57117-31-4	1.58		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4201-0095-0105	70648-26-9	1.77		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4201-0095-0105	57117-44-9	1.36		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4201-0095-0105	72918-21-9	1.06		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4201-0095-0105	60851-34-5	1.36		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4201-0095-0105	67562-39-4	3.97	J	PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4201-0095-0105	55673-89-7	1.13	J	PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	OCDF	LPX-SD-4201-0095-0105	39001-02-0	4.00		PG/G_DRYWT		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4201-0095-0105	76523-40-5	71		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4201-0095-0105	109719-79-1	63		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4201-0095-0105	109719-80-4	75		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4201-0095-0105	109719-81-5	78		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4201-0095-0105	109719-83-7	78		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-OCDD	LPX-SD-4201-0095-0105	114423-97-1	76		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4201-0095-0105	89059-46-1	68		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4201-0095-0105	109719-77-9	70		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4201-0095-0105	116843-02-8	73		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4201-0095-0105	114423-98-2	81		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4201-0095-0105	116843-03-9	79		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4201-0095-0105	116843-04-0	83		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4201-0095-0105	116843-05-1	82		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4201-0095-0105	116843-09-5	85		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4201-0095-0105	109719-94-0	61		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03
LPX-SD-4201-0095-0105	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4201-0095-0105	85508-50-5	53		PCT_REC		49715-59	BCO	49715-59-21	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.53	2.38		1	79.02	Lab Login ID = 49913-38-18	3	N	12.85	J	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.80	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	0.66	J	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.97	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	0.97	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	1.02	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.02	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.97	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	2.03	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	14.71	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	5.24	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	1.50	23.83		1	79.02	Lab Login ID = 49913-38-18	3	N	74.88	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.57	2.38		1	79.02	Lab Login ID = 49913-38-18	3	N	1.99	J	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.97	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.98	J	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.92	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.58	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.79	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.77	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.92	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.36	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	1.04	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.06	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	0.98	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.36	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	4.84	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	3.97	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	7.73	11.91		1	79.02	Lab Login ID = 49913-38-18	3	N	1.13	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B	1.05	23.83		1	79.02	Lab Login ID = 49913-38-18	3	N	4	UJ	
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			
LPX-SD-4201-0095-0105	6-Oct-03	MOD 1613B				1	79.02	Lab Login ID = 49913-38-18	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0120-0130 MS	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MS	1746-01-6	129	~	PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MS	40321-76-4	105		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	39227-28-6	102		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	57653-85-7	111		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0120-0130 MS	19408-74-3	124	&	PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MS	35822-46-9	131	~	PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	OCDD	LPX-SD-4208-0120-0130 MS	3268-87-9	160	~	PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MS	51207-31-9	78		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	57117-41-6	105		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	57117-31-4	105		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	70648-26-9	88		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	57117-44-9	104		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MS	72918-21-9	104		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	60851-34-5	103		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MS	67562-39-4	76		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MS	55673-89-7	98		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	OCDF	LPX-SD-4208-0120-0130 MS	39001-02-0	34	~	PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MS	76523-40-5	40		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MS	109719-79-1	35		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	109719-80-4	38		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	109719-81-5	37		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MS	109719-83-7	41		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-OCDD	LPX-SD-4208-0120-0130 MS	114423-97-1	44		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MS	89059-46-1	29		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	109719-77-9	40		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	116843-02-8	37		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	114423-98-2	38		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	116843-03-9	37		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MS	116843-04-0	44		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	116843-05-1	40		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MS	116843-09-5	42		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MS	109719-94-0	40		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MS	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MS	85508-50-5	41		PCT_REC		49715-59	BCO	49715-59-22	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.37	1.00		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	1.28	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.55	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.53	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.53	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	5.95	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.60	10.03		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.47	1.00		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	5.94	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	6.42	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	3.54	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	4.19	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	4.04	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	4.99	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	3.97	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	4.80	5.02		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B	0.50	10.03		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MSD	1746-01-6	325	~	PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MSD	40321-76-4	102		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	39227-28-6	100		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	57653-85-7	110		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0120-0130 MSD	19408-74-3	118		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MSD	35822-46-9	108		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	OCDD	LPX-SD-4208-0120-0130 MSD	3268-87-9	108		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MSD	51207-31-9	44	~	PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	57117-41-6	99		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	57117-31-4	103		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	70648-26-9	88		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	57117-44-9	106		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MSD	72918-21-9	105		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	60851-34-5	103		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MSD	67562-39-4	74		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MSD	55673-89-7	102		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	OCDF	LPX-SD-4208-0120-0130 MSD	39001-02-0	40	~	PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MSD	76523-40-5	60		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MSD	109719-79-1	67		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	109719-80-4	57		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	109719-81-5	61		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MSD	109719-83-7	68		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-OCDD	LPX-SD-4208-0120-0130 MSD	114423-97-1	75		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MSD	89059-46-1	42		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	109719-77-9	73		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	116843-02-8	71		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	114423-98-2	62		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	116843-03-9	58		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MSD	116843-04-0	65		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	116843-05-1	61		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MSD	116843-09-5	67		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MSD	109719-94-0	67		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03
LPX-SD-4208-0120-0130 MSD	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MSD	85508-50-5	63		PCT_REC		49715-59	BCO	49715-59-23	5-Sep-03	17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.48	1.01		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.93	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.42	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.40	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.40	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	11.61	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.52	10.13		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.59	1.01		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	8.01	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	7.74	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.48	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.59	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.59	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.74	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	2.95	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	3.43	5.07		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B	0.46	10.13		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	6-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-59-24	DIOX	2,3,7,8-TCDD	49715-59-24	1746-01-6	6.1		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,7,8-PeCDD	49715-59-24	40321-76-4	0.6		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,4,7,8-HxCDD	49715-59-24	39227-28-6	9.0		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,6,7,8-HxCDD	49715-59-24	57653-85-7	3.4		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,7,8,9-HxCDD	49715-59-24	19408-74-3	8.5		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,4,6,7,8-HpCDD	49715-59-24	35822-46-9	2.6		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	OCDD	49715-59-24	3268-87-9	1.1		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	2,3,7,8-TCDF	49715-59-24	51207-31-9	2.1		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,7,8-PeCDF	49715-59-24	57117-41-6	7.4		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	2,3,4,7,8-PeCDF	49715-59-24	57117-31-4	8.5		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,4,7,8-HxCDF	49715-59-24	70648-26-9	9.4		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,6,7,8-HxCDF	49715-59-24	57117-44-9	3.9		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,7,8,9-HxCDF	49715-59-24	72918-21-9	11.9		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	2,3,4,6,7,8-HxCDF	49715-59-24	60851-34-5	8.8		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,4,6,7,8-HpCDF	49715-59-24	67562-39-4	15.2		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	1,2,3,4,7,8,9-HpCDF	49715-59-24	55673-89-7	24.9		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	OCDF	49715-59-24	39001-02-0	18.8		PCT_DIFF		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-2,3,7,8-TCDD	49715-59-24	76523-40-5	72		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,7,8-PeCDD	49715-59-24	109719-79-1	70		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-59-24	109719-80-4	73		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-59-24	109719-81-5	72		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-59-24	109719-83-7	79		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-OCDD	49715-59-24	114423-97-1	86		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-2,3,7,8-TCDF	49715-59-24	89059-46-1	70		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,7,8-PeCDF	49715-59-24	109719-77-9	79		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-2,3,4,7,8-PeCDF	49715-59-24	116843-02-8	82		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-59-24	114423-98-2	70		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-59-24	116843-03-9	70		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-59-24	116843-04-0	72		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-59-24	116843-05-1	74		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-59-24	116843-09-5	78		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-59-24	109719-94-0	64		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03
49715-59-24	DIOX	37Cl-2,3,7,8-TCDD	49715-59-24	85508-50-5	58		PCT_REC		49715-59	BCO	49715-59-24		17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-59-24	6-Oct-03	MOD 1613B	0.15	0.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.16	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.13	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.13	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.13	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	3.12	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.12	5.00		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.09	0.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.19	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.17	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.43	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.49	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.55	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.50	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	9.56	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	13.37	2.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B	0.15	5.00		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-59-24	6-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-59-25	DIOX	2,3,7,8-TCDD	49715-59-25	1746-01-6	96		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,7,8-PeCDD	49715-59-25	40321-76-4	93		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,4,7,8-HxCDD	49715-59-25	39227-28-6	96		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,6,7,8-HxCDD	49715-59-25	57653-85-7	103		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,7,8,9-HxCDD	49715-59-25	19408-74-3	105		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,4,6,7,8-HpCDD	49715-59-25	35822-46-9	97		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	OCDD	49715-59-25	3268-87-9	100		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	2,3,7,8-TCDF	49715-59-25	51207-31-9	91		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,7,8-PeCDF	49715-59-25	57117-41-6	88		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	2,3,4,7,8-PeCDF	49715-59-25	57117-31-4	88		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,4,7,8-HxCDF	49715-59-25	70648-26-9	86		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,6,7,8-HxCDF	49715-59-25	57117-44-9	101		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,7,8,9-HxCDF	49715-59-25	72918-21-9	102		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	2,3,4,6,7,8-HxCDF	49715-59-25	60851-34-5	102		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,4,6,7,8-HpCDF	49715-59-25	67562-39-4	98		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	1,2,3,4,7,8,9-HpCDF	49715-59-25	55673-89-7	97		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	OCDF	49715-59-25	39001-02-0	97		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-2,3,7,8-TCDD	49715-59-25	76523-40-5	60		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,7,8-PeCDD	49715-59-25	109719-79-1	75		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-59-25	109719-80-4	68		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-59-25	109719-81-5	70		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-59-25	109719-83-7	83		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-OCDD	49715-59-25	114423-97-1	93		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-2,3,7,8-TCDF	49715-59-25	89059-46-1	61		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,7,8-PeCDF	49715-59-25	109719-77-9	69		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-2,3,4,7,8-PeCDF	49715-59-25	116843-02-8	79		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-59-25	114423-98-2	71		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-59-25	116843-03-9	71		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-59-25	116843-04-0	72		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-59-25	116843-05-1	75		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-59-25	116843-09-5	83		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-59-25	109719-94-0	66		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03
49715-59-25	DIOX	37Cl-2,3,7,8-TCDD	49715-59-25	85508-50-5	45		PCT_REC		49715-59	BCO	49715-59-25		17-Sep-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-59-25	4-Oct-03	MOD 1613B	0.18	0.50		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.37	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.26	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.26	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.26	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	2.04	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.14	4.96		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.14	0.50		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.26	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.21	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.23	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.26	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.31	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.27	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	1.33	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	1.91	2.48		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B	0.20	4.96		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-59-25	4-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-71-08	DIOX	2,3,7,8-TCDD	49715-71-08	1746-01-6	0.56	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,7,8-PeCDD	49715-71-08	40321-76-4	0.43	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,4,7,8-HxCDD	49715-71-08	39227-28-6	0.26	J	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,6,7,8-HxCDD	49715-71-08	57653-85-7	0.34		PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,7,8,9-HxCDD	49715-71-08	19408-74-3	0.30	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,4,6,7,8-HpCDD	49715-71-08	35822-46-9	0.89	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	OCDD	49715-71-08	3268-87-9	11.30		PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	2,3,7,8-TCDF	49715-71-08	51207-31-9	0.39	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,7,8-PeCDF	49715-71-08	57117-41-6	0.49	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	2,3,4,7,8-PeCDF	49715-71-08	57117-31-4	0.45	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,4,7,8-HxCDF	49715-71-08	70648-26-9	0.22	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,6,7,8-HxCDF	49715-71-08	57117-44-9	0.25	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,7,8,9-HxCDF	49715-71-08	72918-21-9	0.27	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	2,3,4,6,7,8-HxCDF	49715-71-08	60851-34-5	0.24	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,4,6,7,8-HpCDF	49715-71-08	67562-39-4	1.09	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	1,2,3,4,7,8,9-HpCDF	49715-71-08	55673-89-7	1.26	U	PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	OCDF	49715-71-08	39001-02-0	2.04		PG/G_DRYWT		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-2,3,7,8-TCDD	49715-71-08	76523-40-5	66		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,7,8-PeCDD	49715-71-08	109719-79-1	83		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-71-08	109719-80-4	76		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-71-08	109719-81-5	81		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-71-08	109719-83-7	92		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-OCDD	49715-71-08	114423-97-1	95		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-2,3,7,8-TCDF	49715-71-08	89059-46-1	67		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,7,8-PeCDF	49715-71-08	109719-77-9	82		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-2,3,4,7,8-PeCDF	49715-71-08	116843-02-8	87		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-71-08	114423-98-2	74		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-71-08	116843-03-9	81		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-71-08	116843-04-0	85		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-71-08	116843-05-1	85		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-71-08	116843-09-5	93		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-71-08	109719-94-0	97		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03
49715-71-08	DIOX	37Cl-2,3,7,8-TCDD	49715-71-08	85508-50-5	84		PCT_REC		49715-71	BCO	49715-71-08		17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-71-08	23-Oct-03	MOD 1613B	0.56	1.17		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.43	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.31	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.31	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.30	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.89	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.38	11.73		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.39	1.17		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.49	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.45	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.22	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.25	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.27	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.24	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	1.09	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	1.26	5.86		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B	0.55	11.73		1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			
49715-71-08	23-Oct-03	MOD 1613B				1	57.47	Lab Login ID = 49979-17-02	3	MB			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4207-0000-0010	DIOX	2,3,7,8-TCDD	LPX-SD-4207-0000-0010	1746-01-6	778.46		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4207-0000-0010	40321-76-4	17.27		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4207-0000-0010	39227-28-6	30.43		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4207-0000-0010	57653-85-7	104.14		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4207-0000-0010	19408-74-3	100.00		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4207-0000-0010	35822-46-9	2426.81		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	OCDD	LPX-SD-4207-0000-0010	3268-87-9	18863.79		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	2,3,7,8-TCDF	LPX-SD-4207-0000-0010	51207-31-9	13.17		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4207-0000-0010	57117-41-6	6.84		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4207-0000-0010	57117-31-4	7.52		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4207-0000-0010	70648-26-9	27.02		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4207-0000-0010	57117-44-9	28.28		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4207-0000-0010	72918-21-9	0.62		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4207-0000-0010	60851-34-5	18.28		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4207-0000-0010	67562-39-4	543.79		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4207-0000-0010	55673-89-7	26.48		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	OCDF	LPX-SD-4207-0000-0010	39001-02-0	1312.80		PG/G_DRYWT		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4207-0000-0010	76523-40-5	68		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4207-0000-0010	109719-79-1	91		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4207-0000-0010	109719-80-4	82		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4207-0000-0010	109719-81-5	96		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4207-0000-0010	109719-83-7	96		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-OCDD	LPX-SD-4207-0000-0010	114423-97-1	106		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4207-0000-0010	89059-46-1	45		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4207-0000-0010	109719-77-9	93		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4207-0000-0010	116843-02-8	92		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4207-0000-0010	114423-98-2	88		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4207-0000-0010	116843-03-9	88		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4207-0000-0010	116843-04-0	95		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4207-0000-0010	116843-05-1	91		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4207-0000-0010	116843-09-5	97		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4207-0000-0010	109719-94-0	96		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03
LPX-SD-4207-0000-0010	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4207-0000-0010	85508-50-5	86		PCT_REC		49715-71	BCO	49715-71-02	5-Sep-03	17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.43	1.42		1	64.62	Lab Login ID = 49913-38-03	3	N	778.46		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.48	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	17.27		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.25	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	30.43		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.24	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	104.14		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.24	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	100		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	13.26	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	2426.81		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.35	14.22		1	64.62	Lab Login ID = 49913-38-03	3	N	18863.79	J	
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.38	1.42		1	64.62	Lab Login ID = 49913-38-03	3	N	13.17		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.97	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	6.84	J	
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.99	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	7.52		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.25	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	27.02	J	
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.29	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	28.28		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.30	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	0.62	J	
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.36	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	18.28		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	4.11	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	543.79		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	4.88	7.11		1	64.62	Lab Login ID = 49913-38-03	3	N	26.48		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B	0.69	14.22		1	64.62	Lab Login ID = 49913-38-03	3	N	1312.8		
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			
LPX-SD-4207-0000-0010	23-Oct-03	MOD 1613B				1	64.62	Lab Login ID = 49913-38-03	3	N			

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0120-0130	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0120-0130	1746-01-6	3749.57		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130	40321-76-4	13.32		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130	39227-28-6	8.27		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130	57653-85-7	27.93		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0120-0130	19408-74-3	27.04		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130	35822-46-9	515.27		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	OCDD	LPX-SD-4208-0120-0130	3268-87-9	3578.55		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0120-0130	51207-31-9	69.17		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130	57117-41-6	6.60		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130	57117-31-4	25.22		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130	70648-26-9	34.76		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130	57117-44-9	22.70		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130	72918-21-9	1.02	J	PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130	60851-34-5	16.71		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130	67562-39-4	185.05		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130	55673-89-7	9.79		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	OCDF	LPX-SD-4208-0120-0130	39001-02-0	258.08		PG/G_DRYWT		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0120-0130	76523-40-5	77		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130	109719-79-1	91		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130	109719-80-4	84		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130	109719-81-5	92		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130	109719-83-7	98		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-OCDD	LPX-SD-4208-0120-0130	114423-97-1	102		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0120-0130	89059-46-1	56		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130	109719-77-9	92		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130	116843-02-8	92		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130	114423-98-2	84		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130	116843-03-9	87		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130	116843-04-0	98		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130	116843-05-1	92		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130	116843-09-5	97		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130	109719-94-0	100		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0120-0130	85508-50-5	99		PCT_REC		49715-71	BCO	49715-71-03	5-Sep-03	17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	0.59	2.54		1	50.33	Lab Login ID = 49913-38-05	3	N	3749.57	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	1.15	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	13.32		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	0.50	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	8.27	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	0.46	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	27.93	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	0.47	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	27.04	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	10.50	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	515.27		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	1.12	25.41		1	50.33	Lab Login ID = 49913-38-05	3	N	3578.55	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	0.62	2.54		1	50.33	Lab Login ID = 49913-38-05	3	N	69.17		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	3.01	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	6.6	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	2.98	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	25.22		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	2.56	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	34.76	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	2.82	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	22.7		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	2.94	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	1.02	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	2.87	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	16.71		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	2.98	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	185.05		
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	3.48	12.70		1	50.33	Lab Login ID = 49913-38-05	3	N	9.79	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B	0.68	25.41		1	50.33	Lab Login ID = 49913-38-05	3	N	258.08	J	
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			
LPX-SD-4208-0120-0130	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	N			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0120-0130 MS	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MS	1746-01-6	154	-	PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MS	40321-76-4	107		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	39227-28-6	117		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	57653-85-7	110		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0120-0130 MS	19408-74-3	118		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MS	35822-46-9	117		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	OCDD	LPX-SD-4208-0120-0130 MS	3268-87-9	146	-	PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MS	51207-31-9	117		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	57117-41-6	110		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	57117-31-4	112		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	70648-26-9	96		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	57117-44-9	113		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MS	72918-21-9	112		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	60851-34-5	113		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MS	67562-39-4	113		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MS	55673-89-7	109		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	OCDF	LPX-SD-4208-0120-0130 MS	39001-02-0	120		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MS	76523-40-5	76		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MS	109719-79-1	88		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	109719-80-4	81		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MS	109719-81-5	92		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MS	109719-83-7	94		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-OCDD	LPX-SD-4208-0120-0130 MS	114423-97-1	97		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MS	89059-46-1	56		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	109719-77-9	90		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MS	116843-02-8	87		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	114423-98-2	84		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	116843-03-9	86		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MS	116843-04-0	93		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MS	116843-05-1	92		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MS	116843-09-5	91		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MS	109719-94-0	97		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MS	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MS	85508-50-5	98		PCT_REC		49715-71	BCO	49715-71-04	5-Sep-03	17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.74	2.80		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	1.50	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.82	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.77	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.77	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.93	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	1.39	27.98		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.77	2.80		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	5.25	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	5.42	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	1.54	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	1.74	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	1.87	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	1.76	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	5.77	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	6.41	13.99		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B	0.87	27.98		1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			
LPX-SD-4208-0120-0130 MS	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MS			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MSD	1746-01-6	1372	~	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MSD	40321-76-4	108		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	39227-28-6	111		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	57653-85-7	124	&	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8,9-HxCDD	LPX-SD-4208-0120-0130 MSD	19408-74-3	123	&	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MSD	35822-46-9	142	~	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	OCDD	LPX-SD-4208-0120-0130 MSD	3268-87-9	206	~	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MSD	51207-31-9	132	~	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	57117-41-6	111		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	57117-31-4	112		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	70648-26-9	102		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	57117-44-9	117		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MSD	72918-21-9	115		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	60851-34-5	116		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MSD	67562-39-4	121	~	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MSD	55673-89-7	111		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	OCDF	LPX-SD-4208-0120-0130 MSD	39001-02-0	122	&	PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MSD	76523-40-5	77		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,7,8-PeCDD	LPX-SD-4208-0120-0130 MSD	109719-79-1	89		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	109719-80-4	80		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,6,7,8-HxCDD	LPX-SD-4208-0120-0130 MSD	109719-81-5	85		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,6,7,8-HpCDD	LPX-SD-4208-0120-0130 MSD	109719-83-7	95		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-OCDD	LPX-SD-4208-0120-0130 MSD	114423-97-1	100		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,7,8-TCDF	LPX-SD-4208-0120-0130 MSD	89059-46-1	57		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	109719-77-9	90		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,4,7,8-PeCDF	LPX-SD-4208-0120-0130 MSD	116843-02-8	90		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	114423-98-2	84		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	116843-03-9	86		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,7,8,9-HxCDF	LPX-SD-4208-0120-0130 MSD	116843-04-0	93		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-2,3,4,6,7,8-HxCDF	LPX-SD-4208-0120-0130 MSD	116843-05-1	90		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,6,7,8-HpCDF	LPX-SD-4208-0120-0130 MSD	116843-09-5	95		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	13C-1,2,3,4,7,8,9-HpCDF	LPX-SD-4208-0120-0130 MSD	109719-94-0	96		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03
LPX-SD-4208-0120-0130 MSD	DIOX	37Cl-2,3,7,8-TCDD	LPX-SD-4208-0120-0130 MSD	85508-50-5	104		PCT_REC		49715-71	BCO	49715-71-05	5-Sep-03	17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.78	3.47		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	1.52	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.79	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.77	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.76	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	5.76	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	1.00	34.73		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.86	3.47		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	4.39	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	4.34	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.88	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	0.99	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	1.06	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	1.00	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	5.70	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	6.74	17.36		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B	1.23	34.73		1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			
LPX-SD-4208-0120-0130 MSD	23-Oct-03	MOD 1613B				1	50.33	Lab Login ID = 49913-38-05	3	MSD			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-71-06	DIOX	2,3,7,8-TCDD	49715-71-06	1746-01-6	6.9		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,7,8-PeCDD	49715-71-06	40321-76-4	0.6		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,4,7,8-HxCDD	49715-71-06	39227-28-6	1.6		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,6,7,8-HxCDD	49715-71-06	57653-85-7	10.0		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,7,8,9-HxCDD	49715-71-06	19408-74-3	17.7		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,4,6,7,8-HpCDD	49715-71-06	35822-46-9	19.4		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	OCDD	49715-71-06	3268-87-9	34.4	&	PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	2,3,7,8-TCDF	49715-71-06	51207-31-9	10.0		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,7,8-PeCDF	49715-71-06	57117-41-6	20.7		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	2,3,4,7,8-PeCDF	49715-71-06	57117-31-4	8.6		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,4,7,8-HxCDF	49715-71-06	70648-26-9	4.0		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,6,7,8-HxCDF	49715-71-06	57117-44-9	15.6		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,7,8,9-HxCDF	49715-71-06	72918-21-9	86.4	~	PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	2,3,4,6,7,8-HxCDF	49715-71-06	60851-34-5	10.4		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,4,6,7,8-HpCDF	49715-71-06	67562-39-4	16.8		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	1,2,3,4,7,8,9-HpCDF	49715-71-06	55673-89-7	8.2		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	OCDF	49715-71-06	39001-02-0	16.9		PCT_DIFF		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-2,3,7,8-TCDD	49715-71-06	76523-40-5	70		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,7,8-PeCDD	49715-71-06	109719-79-1	83		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-71-06	109719-80-4	82		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-71-06	109719-81-5	90		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-71-06	109719-83-7	102		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-OCDD	49715-71-06	114423-97-1	121		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-2,3,7,8-TCDF	49715-71-06	89059-46-1	52		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,7,8-PeCDF	49715-71-06	109719-77-9	89		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-2,3,4,7,8-PeCDF	49715-71-06	116843-02-8	86		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-71-06	114423-98-2	95		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-71-06	116843-03-9	92		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-71-06	116843-04-0	99		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-71-06	116843-05-1	93		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-71-06	116843-09-5	109		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-71-06	109719-94-0	111		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03
49715-71-06	DIOX	37Cl-2,3,7,8-TCDD	49715-71-06	85508-50-5	86		PCT_REC		49715-71	BCO	49715-71-06		17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-71-06	23-Oct-03	MOD 1613B	0.12	0.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	0.72	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	1.01	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	1.02	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	0.98	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	4.60	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	1.17	4.97		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	0.29	0.50		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	6.97	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	7.07	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	9.97	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	11.58	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	12.60	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	11.97	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	45.14	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	57.04	2.48		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B	0.69	4.97		1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			
49715-71-06	23-Oct-03	MOD 1613B				1	0.00	Lab Login ID = 49063-85-10	3	SRM			

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE
49715-71-07	DIOX	2,3,7,8-TCDD	49715-71-07	1746-01-6	106		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,7,8-PeCDD	49715-71-07	40321-76-4	108		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,4,7,8-HxCDD	49715-71-07	39227-28-6	107		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,6,7,8-HxCDD	49715-71-07	57653-85-7	115		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,7,8,9-HxCDD	49715-71-07	19408-74-3	114		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,4,6,7,8-HpCDD	49715-71-07	35822-46-9	110		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	OCDD	49715-71-07	3268-87-9	112		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	2,3,7,8-TCDF	49715-71-07	51207-31-9	114		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,7,8-PeCDF	49715-71-07	57117-41-6	111		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	2,3,4,7,8-PeCDF	49715-71-07	57117-31-4	111		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,4,7,8-HxCDF	49715-71-07	70648-26-9	100		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,6,7,8-HxCDF	49715-71-07	57117-44-9	116		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,7,8,9-HxCDF	49715-71-07	72918-21-9	113		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	2,3,4,6,7,8-HxCDF	49715-71-07	60851-34-5	114		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,4,6,7,8-HpCDF	49715-71-07	67562-39-4	110		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	1,2,3,4,7,8,9-HpCDF	49715-71-07	55673-89-7	111		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	OCDF	49715-71-07	39001-02-0	117		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-2,3,7,8-TCDD	49715-71-07	76523-40-5	70		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,7,8-PeCDD	49715-71-07	109719-79-1	88		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,4,7,8-HxCDD	49715-71-07	109719-80-4	84		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,6,7,8-HxCDD	49715-71-07	109719-81-5	85		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,4,6,7,8-HpCDD	49715-71-07	109719-83-7	94		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-OCDD	49715-71-07	114423-97-1	99		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-2,3,7,8-TCDF	49715-71-07	89059-46-1	67		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,7,8-PeCDF	49715-71-07	109719-77-9	86		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-2,3,4,7,8-PeCDF	49715-71-07	116843-02-8	93		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,4,7,8-HxCDF	49715-71-07	114423-98-2	78		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,6,7,8-HxCDF	49715-71-07	116843-03-9	82		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,7,8,9-HxCDF	49715-71-07	116843-04-0	89		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-2,3,4,6,7,8-HxCDF	49715-71-07	116843-05-1	89		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,4,6,7,8-HpCDF	49715-71-07	116843-09-5	96		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	13C-1,2,3,4,7,8,9-HpCDF	49715-71-07	109719-94-0	96		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03
49715-71-07	DIOX	37Cl-2,3,7,8-TCDD	49715-71-07	85508-50-5	85		PCT_REC		49715-71	BCO	49715-71-07		17-Oct-03

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NSAMPLE	ANAL_DATE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
49715-71-07	23-Oct-03	MOD 1613B	0.15	0.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.21	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.09	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.09	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.08	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.21	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.09	4.90		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.13	0.49		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.18	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.17	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.14	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.16	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.17	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.15	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.91	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	1.06	2.45		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B	0.14	4.90		1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			
49715-71-07	23-Oct-03	MOD 1613B				1	100.00	Lab Login ID = 49979-17-02	3	LCS			

SECTION 2

US EPA ARCHIVE DOCUMENT

Section 2
Radioisotope (^{210}Pb and ^{137}Cs Activity) Results

QA/QC Narrative
Sediment and QC Results

QA/QC Narrative

RADIOISOTOPE SEDIMENT QA/QC SUMMARY

PROJECT: USACE NAE Delivery Order #01 Centredale

PARAMETER: Radioisotope, ^{210}Pb and ^{137}Cs Activity

LABORATORY: Teledyne Brown Engineering, Knoxville, TN

MATRIX: Sediment

SAMPLE CUSTODY: Centredale sediment samples were collected by USEPA/ERT during May 6 through May 9, 2003. Samples were transported to EPA's laboratory in Narragansett, Rhode Island for core processing. Core processing was conducted by USACE/ERDC and sub-samples were taken for chemical and physical testing. All samples for radioisotope testing were stored refrigerated at the Narragansett laboratory, and transported to Battelle on May 12, 2003. Samples arrived at Battelle in good condition and were logged into the laboratory's tracking system.

Samples selected for radioisotope testing were shipped via overnight carrier on June 23, 2003 to Teledyne Brown. All samples were received in good condition on June 24, 2003 at Teledyne Brown, although the temperature upon receipt for some samples was slightly above specifications (received at 7°C vs. 6 °C goal).

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS Recovery	SRM % Diff.	Replicate Relative Precision	Achieved Detection Limit (pCi/g dry)	Project Goals (pCi/g dry)
^{210}Pb	L-112	< Sample-specific MDC, or associated samples >5× blank values	N/A	*LCS:* 70-130% Recovery *MS:*60-140% Recovery[a]	N/A	≤50% RPD[b]	0.02 to 2.16	N/A
^{137}Cs	L-113	< Sample-specific MDC, or associated samples >5× blank values	N/A	*LCS:* 70-130% Recovery *MS:* N/A	N/A	≤50% RPD[b]	0.03 to 0.79	N/A

N/A, Not applicable; RPD Relative Percent Difference

[a] Concentration of spiked analyte in MS must be >5× background concentration to be used for data quality assessment.

[b] Concentrations in replicates must be >5× Minimum Detectable Concentration to be used for data quality assessment.

METHOD: Sediment core samples were analyzed for ^{210}Pb and ^{137}Cs activity as described in USEPA (2003).

HOLDING TIMES: There is no applicable holding time for radioisotope analysis.

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RADIOISOTOPE SEDIMENT QA/QC SUMMARY

DETECTION LIMITS: Achieved detection limits are reported with the data, and were higher than expected because of very small sample volumes available for testing.

BLANKS: A method blank was run for each day samples were prepared and analyzed for ^{210}Pb and ^{137}Cs. Because of the very small sample volumes, the gamma counts took a very long time and additional days were required for analysis. As a result, a total of 6 method banks were prepared and analyzed for ^{210}Pb and 12 blanks were prepared and analyzed for ^{137}Cs. Blanks are analyzed to ensure that the sample preparation and analysis methods were free of contamination.

^{210}Pb – All of the blanks showed small amounts of activity. The blank number, however, is a total while the samples are pCi/g. The samples calculated as total are all 5× the blank with the exception of two samples.

^{137}Cs – No exceedances.

LABORATORY CONTROL SAMPLE: A laboratory control sample (LCS) was run for each day samples were prepared and analyzed for ^{210}Pb and ^{137}Cs. Because of the very small sample volumes, the gamma counts took a very long time and additional days were required for analysis. As a result, a total of 6 LCSs were prepared and analyzed for ^{210}Pb and 12 LCSs were prepared and analyzed ^{137}Cs. Recovery data for each LCS was calculated to measure data quality in terms of accuracy.

^{210}Pb – No exceedances.

^{137}Cs – No exceedances.

MATRIX SPIKE SAMPLE: Five matrix spike (MS) samples were prepared and analyzed with the sediment samples for ^{210}Pb analysis. There is no applicable MS for ^{137}Cs. Recovery data for each MS was calculated to measure data quality in terms of accuracy.

^{210}Pb – No exceedances.

LABORATORY REPLICATES: Three laboratory duplicates were prepared and analyzed for ^{210}Pb; five laboratory duplicates were prepared and analyzed for ^{137}Cs . The relative percent difference (RPD) between replicate concentrations was calculated to measure data quality in terms of precision.

^{210}Pb – No exceedances.

^{137}Cs – No exceedances.

REFERENCES:

USEPA, 2003. Tasks 19-22 Quality Assurance Project Plan, Addendum 2 for Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support. April 28, 2003. 58 pp + apps.

US EPA ARCHIVE DOCUMENT

Sediment and QC Results

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NSAMPLE	PARAMETER	CLASS	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE
CMS-SD-4204-0000-0005	CS-137	RAD	CMS-SD-4204-0000-0005	7440-46-2	0.8135	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-10	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4204-0010-0015	CS-137	RAD	CMS-SD-4204-0010-0015	7440-46-2	0.7711	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-11	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4204-0020-0025	CS-137	RAD	CMS-SD-4204-0020-0025	7440-46-2	0.5655	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-12	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4204-0030-0035	CS-137	RAD	CMS-SD-4204-0030-0035	7440-46-2	0.8208	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-13	24-Jun-03	16-Jul-03	16-Jul-03
CMS-SD-4204-0040-0045	CS-137	RAD	CMS-SD-4204-0040-0045	7440-46-2	0.9704	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-14	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4204-0050-0055	CS-137	RAD	CMS-SD-4204-0050-0055	7440-46-2	1.14	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-15	24-Jun-03	5-Jul-03	5-Jul-03
CMS-SD-4204-0070-0075	CS-137	RAD	CMS-SD-4204-0070-0075	7440-46-2	0.1869	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-16	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4204-0090-0095	CS-137	RAD	CMS-SD-4204-0090-0095	7440-46-2	0.07014	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-17	24-Jun-03	16-Jul-03	16-Jul-03
CMS-SD-4204-0100-0105	CS-137	RAD	CMS-SD-4204-0100-0105	7440-46-2	0.00247	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-18	24-Jun-03	5-Jul-03	5-Jul-03
CMS-SD-4206-0000-0010	CS-137	RAD	CMS-SD-4206-0000-0010	7440-46-2	4.33	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-1	24-Jun-03	3-Jul-03	3-Jul-03
CMS-SD-4206-0030-0035	CS-137	RAD	CMS-SD-4206-0030-0035	7440-46-2	2.934	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-2	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4206-0050-0055	CS-137	RAD	CMS-SD-4206-0050-0055	7440-46-2	0.84	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-3	24-Jun-03	4-Jul-03	4-Jul-03
CMS-SD-4206-0070-0075	CS-137	RAD	CMS-SD-4206-0070-0075	7440-46-2	1.25	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-4	24-Jun-03	4-Jul-03	4-Jul-03
CMS-SD-4206-0090-0095	CS-137	RAD	CMS-SD-4206-0090-0095	7440-46-2	0.979	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-5	24-Jun-03	4-Jul-03	4-Jul-03
CMS-SD-4206-0100-0105	CS-137	RAD	CMS-SD-4206-0100-0105	7440-46-2	-0.1068	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-6	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4206-0115-0120	CS-137	RAD	CMS-SD-4206-0115-0120	7440-46-2	0.08249	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-7	24-Jun-03	7-Jul-03	7-Jul-03
CMS-SD-4206-0135-0140	CS-137	RAD	CMS-SD-4206-0135-0140	7440-46-2	0.1229	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-40	24-Jun-03	7-Jul-03	7-Jul-03
CMS-SD-4206-0220-0225	CS-137	RAD	CMS-SD-4206-0220-0225	7440-46-2	-0.1066	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-9	24-Jun-03	8-Jul-03	8-Jul-03
CMS-SD-4209-0010-0015	CS-137	RAD	CMS-SD-4209-0010-0015	7440-46-2	0.628	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-13	24-Jun-03	6-Jul-03	6-Jul-03
CMS-SD-4209-0025-0030	CS-137	RAD	CMS-SD-4209-0025-0030	7440-46-2	0.4315	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-15	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4209-0060-0065	CS-137	RAD	CMS-SD-4209-0060-0065	7440-46-2	0.2459	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-11	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4209-0090-0095	CS-137	RAD	CMS-SD-4209-0090-0095	7440-46-2	1.654	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-16	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4209-0140-0145	CS-137	RAD	CMS-SD-4209-0140-0145	7440-46-2	0.02146	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-14	24-Jun-03	2-Jul-03	2-Jul-03
CMS-SD-4209-0170-0175	CS-137	RAD	CMS-SD-4209-0170-0175	7440-46-2	0.178	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-9	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4209-0210-0215	CS-137	RAD	CMS-SD-4209-0210-0215	7440-46-2	-0.08229	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-8	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4209-0250-0255	CS-137	RAD	CMS-SD-4209-0250-0255	7440-46-2	0.001225	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-12	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4209-0270-0275	CS-137	RAD	CMS-SD-4209-0270-0275	7440-46-2	0.753	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-10	24-Jun-03	6-Jul-03	6-Jul-03
CMS-SD-4210-0010-0015	CS-137	RAD	CMS-SD-4210-0010-0015	7440-46-2	0.4274	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-1	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4210-0025-0030	CS-137	RAD	CMS-SD-4210-0025-0030	7440-46-2	0.3757	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-2	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4210-0040-0045	CS-137	RAD	CMS-SD-4210-0040-0045	7440-46-2	0.5068	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-4	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4210-0055-0060	CS-137	RAD	CMS-SD-4210-0055-0060	7440-46-2	0.693	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-5	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4210-0070-0075	CS-137	RAD	CMS-SD-4210-0070-0075	7440-46-2	0.907	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-3	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4210-0100-0105	CS-137	RAD	CMS-SD-4210-0100-0105	7440-46-2	2.108	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-6	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4210-0150-0155	CS-137	RAD	CMS-SD-4210-0150-0155	7440-46-2	0.09299	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-19	24-Jun-03	16-Jul-03	16-Jul-03
CMS-SD-4210-0180-0185	CS-137	RAD	CMS-SD-4210-0180-0185	7440-46-2	-0.01916	U	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-20	24-Jun-03	16-Jul-03	16-Jul-03
CMS-SD-4210-0240-0245	CS-137	RAD	CMS-SD-4210-0240-0245	7440-46-2	-0.004603	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-7	24-Jun-03	11-Jul-03	11-Jul-03
CMS-SD-4212-0010-0015	CS-137	RAD	CMS-SD-4212-0010-0015	7440-46-2	1.096	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-18	24-Jun-03	3-Jul-03	3-Jul-03
CMS-SD-4212-0030-0035	CS-137	RAD	CMS-SD-4212-0030-0035	7440-46-2	1.403	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-15	24-Jun-03	1-Jul-03	1-Jul-03
CMS-SD-4212-0050-0055	CS-137	RAD	CMS-SD-4212-0050-0055	7440-46-2	2.576	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-16	24-Jun-03	1-Jul-03	1-Jul-03
CMS-SD-4212-0070-0075	CS-137	RAD	CMS-SD-4212-0070-0075	7440-46-2	0.4647	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-12	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4212-0100-0105	CS-137	RAD	CMS-SD-4212-0100-0105	7440-46-2	0.4572	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-7	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4212-0120-0125	CS-137	RAD	CMS-SD-4212-0120-0125	7440-46-2	0.1217	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-14	24-Jun-03	1-Jul-03	1-Jul-03
CMS-SD-4212-0145-0150	CS-137	RAD	CMS-SD-4212-0145-0150	7440-46-2	-0.0112	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-6	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4212-0190-0195	CS-137	RAD	CMS-SD-4212-0190-0195	7440-46-2	0.0392	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-17	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4212-0220-0225	CS-137	RAD	CMS-SD-4212-0220-0225	7440-46-2	-0.04818	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-13	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4213-0010-0015	CS-137	RAD	CMS-SD-4213-0010-0015	7440-46-2	0.4881	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-9	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4213-0025-0030	CS-137	RAD	CMS-SD-4213-0025-0030	7440-46-2	0.814	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-10	24-Jun-03	7-Jul-03	7-Jul-03
CMS-SD-4213-0030-0035	CS-137	RAD	CMS-SD-4213-0030-0035	7440-46-2	0.5171	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-8	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4213-0050-0055	CS-137	RAD	CMS-SD-4213-0050-0055	7440-46-2	1.249	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-3	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4213-0070-0075	CS-137	RAD	CMS-SD-4213-0070-0075	7440-46-2	1.415	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-4	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4213-0090-0095	CS-137	RAD	CMS-SD-4213-0090-0095	7440-46-2	1.97	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-11	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4213-0110-0115	CS-137	RAD	CMS-SD-4213-0110-0115	7440-46-2	0.2865	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-1	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4213-0130-0135	CS-137	RAD	CMS-SD-4213-0130-0135	7440-46-2	0.2412	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-2	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4213-0160-0165	CS-137	RAD	CMS-SD-4213-0160-0165	7440-46-2	0.01931	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-20	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4213-0200-0205	CS-137	RAD	CMS-SD-4213-0200-0205	7440-46-2	-0.03189	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-19	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4213-0230-0235	CS-137	RAD	CMS-SD-4213-0230-0235	7440-46-2	0.009762	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-9	24-Jun-03	15-Jul-03	15-Jul-03

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4204-0000-0005	TBE-2008	0.2069			1	75.1			N	0.8135	+	
CMS-SD-4204-0010-0015	TBE-2008	0.1522			1	67.6			N	0.7711	+	
CMS-SD-4204-0020-0025	TBE-2008	0.1929			1	69.8			N	0.5655	+	
CMS-SD-4204-0030-0035	TBE-2008	0.2339			1	66.3			N	0.8208	+	
CMS-SD-4204-0040-0045	TBE-2008	0.162			1	64.3			N	0.9704	+	
CMS-SD-4204-0050-0055	TBE-2008	0.667			1	76.4			N	1.14	+	
CMS-SD-4204-0070-0075	TBE-2008	0.1219			1	75.4			N	0.1869	U	
CMS-SD-4204-0090-0095	TBE-2008	0.1995			1	69.7			N	0.07014	U	
CMS-SD-4204-0100-0105	TBE-2008	0.229			1	67.7			N	0.00247	U	
CMS-SD-4206-0000-0010	TBE-2008	0.789			1	83.9			N	4.33	+	
CMS-SD-4206-0030-0035	TBE-2008	0.2114			1	77			N	2.934	+	
CMS-SD-4206-0050-0055	TBE-2008	0.787			1	80.3			N	0.84	+	
CMS-SD-4206-0070-0075	TBE-2008	0.555			1	78.5			N	1.25	+	
CMS-SD-4206-0090-0095	TBE-2008	0.663			1	76.6			N	0.979	+	
CMS-SD-4206-0100-0105	TBE-2008	0.1332			1	77.4			N	-0.1068	U	
CMS-SD-4206-0115-0120	TBE-2008	0.1957			1	77.4			N	0.08249	U	
CMS-SD-4206-0135-0140	TBE-2008	0.1891			1	77.2			N	0.1229	U	
CMS-SD-4206-0220-0225	TBE-2008	0.1933			1	42.4			N	-0.1066	U	
CMS-SD-4209-0010-0015	TBE-2008	0.547			1	64.6			N	0.628	+	
CMS-SD-4209-0025-0030	TBE-2008	0.1372			1	61.6			N	0.4315	+	
CMS-SD-4209-0060-0065	TBE-2008	0.04374			1	33.9			N	0.2459	+	
CMS-SD-4209-0090-0095	TBE-2008	0.1055			1	61			N	1.654	+	
CMS-SD-4209-0140-0145	TBE-2008	0.0896			1	68.7			N	0.02146	U	
CMS-SD-4209-0170-0175	TBE-2008	0.1165			1	51.7			N	0.178	U	
CMS-SD-4209-0210-0215	TBE-2008	0.1942			1	54.9			N	-0.08229	U	
CMS-SD-4209-0250-0255	TBE-2008	0.09252			1	62.9			N	0.001225	U	
CMS-SD-4209-0270-0275	TBE-2008	0.536			1	70.5			N	0.753	+	
CMS-SD-4210-0010-0015	TBE-2008	0.1699			1	63.8			N	0.4274	+	
CMS-SD-4210-0025-0030	TBE-2008	0.0685			1	55.8			N	0.3757	+	
CMS-SD-4210-0040-0045	TBE-2008	0.1151			1	59			N	0.5068	+	
CMS-SD-4210-0055-0060	TBE-2008	0.129			1	57.9			N	0.693	+	
CMS-SD-4210-0070-0075	TBE-2008	0.1353			1	63.8			N	0.907	+	
CMS-SD-4210-0100-0105	TBE-2008	0.3337			1	62.3			N	2.108	+	
CMS-SD-4210-0150-0155	TBE-2008	0.1525			1	54.4			N	0.09299	U	
CMS-SD-4210-0180-0185	TBE-2008	0.1748			1	50.8			N	-0.01916	U	
CMS-SD-4210-0240-0245	TBE-2008	0.03996			1	70.3			N	-0.004603	U	
CMS-SD-4212-0010-0015	TBE-2008	0.21			1	78.9			N	1.096	+	
CMS-SD-4212-0030-0035	TBE-2008	0.2146			1	74.7			N	1.403	+	
CMS-SD-4212-0050-0055	TBE-2008	0.172			1	77.8			N	2.576	+	
CMS-SD-4212-0070-0075	TBE-2008	0.2403			1	74.7			N	0.4647	+	
CMS-SD-4212-0100-0105	TBE-2008	0.1391			1	60.8			N	0.4572	+	
CMS-SD-4212-0120-0125	TBE-2008	0.1273			1	69.5			N	0.1217	U	
CMS-SD-4212-0145-0150	TBE-2008	0.1113			1	72			N	-0.0112	U	
CMS-SD-4212-0190-0195	TBE-2008	0.1134			1	74.7			N	0.0392	U	
CMS-SD-4212-0220-0225	TBE-2008	0.1018			1	64.3			N	-0.04818	U	
CMS-SD-4213-0010-0015	TBE-2008	0.1933			1	74.7			N	0.4881	+	
CMS-SD-4213-0025-0030	TBE-2008	0.717			1	75.9			N	0.814	+	
CMS-SD-4213-0030-0035	TBE-2008	0.1039			1	71.2			N	0.5171	+	
CMS-SD-4213-0050-0055	TBE-2008	0.1685			1	64.8			N	1.249	+	
CMS-SD-4213-0070-0075	TBE-2008	0.1454			1	74.1			N	1.415	+	
CMS-SD-4213-0090-0095	TBE-2008	0.2294			1	69.2			N	1.97	+	
CMS-SD-4213-0110-0115	TBE-2008	0.1017			1	75.7			N	0.2865	+	
CMS-SD-4213-0130-0135	TBE-2008	0.1588			1	74.9			N	0.2412	+	
CMS-SD-4213-0160-0165	TBE-2008	0.1168			1	71.6			N	0.01931	U	
CMS-SD-4213-0200-0205	TBE-2008	0.1346			1	70			N	-0.03189	U	
CMS-SD-4213-0230-0235	TBE-2008	0.1315			1	66.3			N	0.009762	U	

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NSAMPLE	PARAMETER	CLASS	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE
CMS-SD-4218-0010-0015	CS-137	RAD	CMS-SD-4218-0010-0015	7440-46-2	0.4946	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-4	24-Jun-03	7-Jul-03	7-Jul-03
CMS-SD-4218-0030-0035	CS-137	RAD	CMS-SD-4218-0030-0035	7440-46-2	0.5429	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-18	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4218-0050-0055	CS-137	RAD	CMS-SD-4218-0050-0055	7440-46-2	0.6262	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-1	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4218-0085-0090	CS-137	RAD	CMS-SD-4218-0085-0090	7440-46-2	0.6543	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-3	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4218-0100-0105	CS-137	RAD	CMS-SD-4218-0100-0105	7440-46-2	1.475	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-2	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4218-0140-0145	CS-137	RAD	CMS-SD-4218-0140-0145	7440-46-2	0.1977	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-17	24-Jun-03	9-Jul-03	9-Jul-03
CMS-SD-4218-0170-0175	CS-137	RAD	CMS-SD-4218-0170-0175	7440-46-2	0.000196	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-20	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4218-0190-0195	CS-137	RAD	CMS-SD-4218-0190-0195	7440-46-2	0.002772	U	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-19	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4218-0210-0215	CS-137	RAD	CMS-SD-4218-0210-0215	7440-46-2	0.01053	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-5	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4219-0030-0035	CS-137	RAD	CMS-SD-4219-0030-0035	7440-46-2	0.4014	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-8	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4219-0070-0075	CS-137	RAD	CMS-SD-4219-0070-0075	7440-46-2	0.1042	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-11	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4219-0100-0105	CS-137	RAD	CMS-SD-4219-0100-0105	7440-46-2	0.06397	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-10	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4219-0140-0145	CS-137	RAD	CMS-SD-4219-0140-0145	7440-46-2	0.006784	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-9	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4219-0170-0175	CS-137	RAD	CMS-SD-4219-0170-0175	7440-46-2	-0.03294	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-6	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4219-0210-0215	CS-137	RAD	CMS-SD-4219-0210-0215	7440-46-2	0.01777	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-7	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4222-0010-0015	CS-137	RAD	CMS-SD-4222-0010-0015	7440-46-2	0.8145	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-15	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0020-0025	CS-137	RAD	CMS-SD-4222-0020-0025	7440-46-2	0.9606	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-8	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0040-0045	CS-137	RAD	CMS-SD-4222-0040-0045	7440-46-2	0.967	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-12	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0060-0065	CS-137	RAD	CMS-SD-4222-0060-0065	7440-46-2	2.012	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-7	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0080-0085	CS-137	RAD	CMS-SD-4222-0080-0085	7440-46-2	1.925	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-11	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0100-0105	CS-137	RAD	CMS-SD-4222-0100-0105	7440-46-2	0.2632	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-5	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0120-0125	CS-137	RAD	CMS-SD-4222-0120-0125	7440-46-2	0.02152	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-10	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0165-0170	CS-137	RAD	CMS-SD-4222-0165-0170	7440-46-2	0.003701	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-14	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0210-0215	CS-137	RAD	CMS-SD-4222-0210-0215	7440-46-2	-0.0714	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-6	24-Jun-03	15-Jul-03	15-Jul-03
CMS-SD-4222-0250-0255	CS-137	RAD	CMS-SD-4222-0250-0255	7440-46-2	-0.06411	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-13	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4201-0010-0015	CS-137	RAD	LPX-SD-4201-0010-0015	7440-46-2	0.6131	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-2	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4201-0030-0035	CS-137	RAD	LPX-SD-4201-0030-0035	7440-46-2	0.8346	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-14	24-Jun-03	10-Jul-03	10-Jul-03
LPX-SD-4201-0060-0065	CS-137	RAD	LPX-SD-4201-0060-0065	7440-46-2	0.2811	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-17	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4201-0090-0095	CS-137	RAD	LPX-SD-4201-0090-0095	7440-46-2	0.1181	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-20	24-Jun-03	16-Jul-03	16-Jul-03
LPX-SD-4201-0115-0120	CS-137	RAD	LPX-SD-4201-0115-0120	7440-46-2	-0.02801	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-19	24-Jun-03	3-Jul-03	3-Jul-03
LPX-SD-4201-0160-0165	CS-137	RAD	LPX-SD-4201-0160-0165	7440-46-2	0.008486	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-5	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4201-0200-0205	CS-137	RAD	LPX-SD-4201-0200-0205	7440-46-2	0.000553	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-4	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4201-0240-0245	CS-137	RAD	LPX-SD-4201-0240-0245	7440-46-2	0.01064	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-3	24-Jun-03	2-Jul-03	2-Jul-03
LPX-SD-4201-0280-0285	CS-137	RAD	LPX-SD-4201-0280-0285	7440-46-2	0.03615	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-19	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4201-0395-0400	CS-137	RAD	LPX-SD-4201-0395-0400	7440-46-2	0.03828	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-15	24-Jun-03	10-Jul-03	10-Jul-03
LPX-SD-4204-0190-0195	CS-137	RAD	LPX-SD-4204-0190-0195	7440-46-2	0.04438	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-17	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4204-0210-0215	CS-137	RAD	LPX-SD-4204-0210-0215	7440-46-2	-0.04874	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-18	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4204-0230-0235	CS-137	RAD	LPX-SD-4204-0230-0235	7440-46-2	-0.04072	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-16	24-Jun-03	22-Jul-03	22-Jul-03
LPX-SD-4209-0010-0015	CS-137	RAD	LPX-SD-4209-0010-0015	7440-46-2	0.4781	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-13	24-Jun-03	3-Jul-03	3-Jul-03
LPX-SD-4209-0110-0115	CS-137	RAD	LPX-SD-4209-0110-0115	7440-46-2	0.06251	U	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-1	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4209-0140-0145	CS-137	RAD	LPX-SD-4209-0140-0145	7440-46-2	2.324	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-20	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4209-0180-0185	CS-137	RAD	LPX-SD-4209-0180-0185	7440-46-2	1.354	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-12	24-Jun-03	2-Jul-03	2-Jul-03
LPX-SD-4209-0240-0245	CS-137	RAD	LPX-SD-4209-0240-0245	7440-46-2	-0.02573	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-18	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4209-0335-0340	CS-137	RAD	LPX-SD-4209-0335-0340	7440-46-2	-0.0157	U	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-16	24-Jun-03	22-Jul-03	22-Jul-03
CMS-SD-4204-0000-0005	PB-210	RAD	CMS-SD-4204-0000-0005	14255-04-0	8.57	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-10	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4204-0010-0015	PB-210	RAD	CMS-SD-4204-0010-0015	14255-04-0	6.68	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-11	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4204-0020-0025	PB-210	RAD	CMS-SD-4204-0020-0025	14255-04-0	4.12	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-12	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4204-0030-0035	PB-210	RAD	CMS-SD-4204-0030-0035	14255-04-0	1.92	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-13	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4204-0040-0045	PB-210	RAD	CMS-SD-4204-0040-0045	14255-04-0	1.78	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-14	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4204-0050-0055	PB-210	RAD	CMS-SD-4204-0050-0055	14255-04-0	2.58	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-15	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4204-0070-0075	PB-210	RAD	CMS-SD-4204-0070-0075	14255-04-0	2.41	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-16	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4204-0090-0095	PB-210	RAD	CMS-SD-4204-0090-0095	14255-04-0	1.98	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-17	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4204-0100-0105	PB-210	RAD	CMS-SD-4204-0100-0105	14255-04-0	1.62	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-18	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0000-0010	PB-210	RAD	CMS-SD-4206-0000-0010	14255-04-0	6.13	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-1	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0030-0035	PB-210	RAD	CMS-SD-4206-0030-0035	14255-04-0	3.58	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-2	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0050-0055	PB-210	RAD	CMS-SD-4206-0050-0055	14255-04-0	2.85	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-3	24-Jun-03	16-Jul-03	17-Jul-03

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4218-0010-0015	TBE-2008	0.1312			1	76.1			N	0.4946	+	
CMS-SD-4218-0030-0035	TBE-2008	0.08998			1	74.4			N	0.5429	+	
CMS-SD-4218-0050-0055	TBE-2008	0.1623			1	70.1			N	0.6262	+	
CMS-SD-4218-0085-0090	TBE-2008	0.05008			1	61.4			N	0.6543	+	
CMS-SD-4218-0100-0105	TBE-2008	0.0849			1	62.3			N	1.475	+	
CMS-SD-4218-0140-0145	TBE-2008	0.1051			1	75.6			N	0.1977	+	
CMS-SD-4218-0170-0175	TBE-2008	0.1429			1	65.7			N	0.000196	U	
CMS-SD-4218-0190-0195	TBE-2008	0.1361			1	67.4			N	0.002772	U	
CMS-SD-4218-0210-0215	TBE-2008	0.06983			1	51.4			N	0.01053	U	
CMS-SD-4219-0030-0035	TBE-2008	0.06108			1	58.1			N	0.4014	+	
CMS-SD-4219-0070-0075	TBE-2008	0.1891			1	77.2			N	0.1042	U	
CMS-SD-4219-0100-0105	TBE-2008	0.08955			1	60			N	0.06397	U	
CMS-SD-4219-0140-0145	TBE-2008	0.09673			1	64.1			N	0.006784	U	
CMS-SD-4219-0170-0175	TBE-2008	0.1666			1	38.9			N	-0.03294	U	
CMS-SD-4219-0210-0215	TBE-2008	0.02787			1	33.3			N	0.01777	U	
CMS-SD-4222-0010-0015	TBE-2008	0.1095			1	70.5			N	0.8145	+	
CMS-SD-4222-0020-0025	TBE-2008	0.1036			1	69			N	0.9606	+	
CMS-SD-4222-0040-0045	TBE-2008	0.1443			1	65.6			N	0.967	+	
CMS-SD-4222-0060-0065	TBE-2008	0.09482			1	71.1			N	2.012	+	
CMS-SD-4222-0080-0085	TBE-2008	0.1061			1	73.9			N	1.925	+	
CMS-SD-4222-0100-0105	TBE-2008	0.07759			1	80			N	0.2632	U	
CMS-SD-4222-0120-0125	TBE-2008	0.1219			1	75.7			N	0.02152	U	
CMS-SD-4222-0165-0170	TBE-2008	0.1918			1	65			N	0.003701	U	
CMS-SD-4222-0210-0215	TBE-2008	0.1328			1	69.6			N	-0.0714	U	
CMS-SD-4222-0250-0255	TBE-2008	0.1938			1	48.9			N	-0.06411	U	
LPX-SD-4201-0010-0015	TBE-2008	0.1304			1	77.6			N	0.6131	+	
LPX-SD-4201-0030-0035	TBE-2008	0.07296			1	70.8			N	0.8346	+	
LPX-SD-4201-0060-0065	TBE-2008	0.1403			1	78.8			N	0.2811	+	
LPX-SD-4201-0090-0095	TBE-2008	0.1583			1	71.3			N	0.1181	U	
LPX-SD-4201-0115-0120	TBE-2008	0.09456			1	90.7			N	-0.02801	U	
LPX-SD-4201-0160-0165	TBE-2008	0.09301			1	71.9			N	0.008486	U	
LPX-SD-4201-0200-0205	TBE-2008	0.07723			1	63.3			N	0.000553	U	
LPX-SD-4201-0240-0245	TBE-2008	0.123			1	79.9			N	0.01064	U	
LPX-SD-4201-0280-0285	TBE-2008	0.1238			1	76.5			N	0.03615	U	
LPX-SD-4201-0395-0400	TBE-2008	0.108			1	39.8			N	0.03828	U	
LPX-SD-4204-0190-0195	TBE-2008	0.1694			1	63.1			N	0.04438	U	
LPX-SD-4204-0210-0215	TBE-2008	0.1583			1	52.1			N	-0.04874	U	
LPX-SD-4204-0230-0235	TBE-2008	0.1825			1	27.8			N	-0.04072	U	
LPX-SD-4209-0010-0015	TBE-2008	0.08786			1	82.2			N	0.4781	+	
LPX-SD-4209-0110-0115	TBE-2008	0.1456			1	37.9			N	0.06251	U	
LPX-SD-4209-0140-0145	TBE-2008	0.1555			1	63.5			N	2.324	+	
LPX-SD-4209-0180-0185	TBE-2008	0.2502			1	77.4			N	1.354	+	
LPX-SD-4209-0240-0245	TBE-2008	0.179			1	68			N	-0.02573	U	
LPX-SD-4209-0335-0340	TBE-2008	0.1664			1	47.3			N	-0.0157	U	
CMS-SD-4204-0000-0005	PRO-032-30	0.0502			1	75.1			N	8.57	+	
CMS-SD-4204-0010-0015	PRO-032-30	0.0537			1	67.6			N	6.68	+	
CMS-SD-4204-0020-0025	PRO-032-30	0.0501			1	69.8			N	4.12	+	
CMS-SD-4204-0030-0035	PRO-032-30	0.04			1	66.3			N	1.92	+	
CMS-SD-4204-0040-0045	PRO-032-30	0.0414			1	64.3			N	1.78	+	
CMS-SD-4204-0050-0055	PRO-032-30	0.116			1	76.4			N	2.58	+	
CMS-SD-4204-0070-0075	PRO-032-30	0.0711			1	75.4			N	2.41	+	
CMS-SD-4204-0090-0095	PRO-032-30	0.0399			1	69.7			N	1.98	+	
CMS-SD-4204-0100-0105	PRO-032-30	0.0664			1	67.7			N	1.62	+	
CMS-SD-4206-0000-0010	PRO-032-30	0.0672			1	83.9			N	6.13	+	
CMS-SD-4206-0030-0035	PRO-032-30	0.0461			1	77			N	3.58	+	
CMS-SD-4206-0050-0055	PRO-032-30	0.0578			1	80.3			N	2.85	+	

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NSAMPLE	PARAMETER	CLASS	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE
CMS-SD-4206-0070-0075	PB-210	RAD	CMS-SD-4206-0070-0075	14255-04-0	1.93	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-4	24-Jun-03	22-Jul-03	17-Jul-03
CMS-SD-4206-0090-0095	PB-210	RAD	CMS-SD-4206-0090-0095	14255-04-0	1.6	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-5	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0100-0105	PB-210	RAD	CMS-SD-4206-0100-0105	14255-04-0	1.65	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-6	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0115-0120	PB-210	RAD	CMS-SD-4206-0115-0120	14255-04-0	1.81	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-7	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0135-0140	PB-210	RAD	CMS-SD-4206-0135-0140	14255-04-0	2.57	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-40	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4206-0220-0225	PB-210	RAD	CMS-SD-4206-0220-0225	14255-04-0	0.646	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-9	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4209-0010-0015	PB-210	RAD	CMS-SD-4209-0010-0015	14255-04-0	5.57	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-13	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4209-0025-0030	PB-210	RAD	CMS-SD-4209-0025-0030	14255-04-0	4.54	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-15	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4209-0060-0065	PB-210	RAD	CMS-SD-4209-0060-0065	14255-04-0	0.931	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-11	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4209-0090-0095	PB-210	RAD	CMS-SD-4209-0090-0095	14255-04-0	3.23	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-16	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4209-0140-0145	PB-210	RAD	CMS-SD-4209-0140-0145	14255-04-0	1.73	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-14	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4209-0170-0175	PB-210	RAD	CMS-SD-4209-0170-0175	14255-04-0	1.07	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-9	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4209-0210-0215	PB-210	RAD	CMS-SD-4209-0210-0215	14255-04-0	0.778	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-8	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4209-0250-0255	PB-210	RAD	CMS-SD-4209-0250-0255	14255-04-0	1.2	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-12	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4209-0270-0275	PB-210	RAD	CMS-SD-4209-0270-0275	14255-04-0	1.04	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-10	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4210-0010-0015	PB-210	RAD	CMS-SD-4210-0010-0015	14255-04-0	4.36	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-1	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4210-0025-0030	PB-210	RAD	CMS-SD-4210-0025-0030	14255-04-0	3.19	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-2	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4210-0040-0045	PB-210	RAD	CMS-SD-4210-0040-0045	14255-04-0	3.45	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-4	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4210-0055-0060	PB-210	RAD	CMS-SD-4210-0055-0060	14255-04-0	4.19	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-5	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4210-0070-0075	PB-210	RAD	CMS-SD-4210-0070-0075	14255-04-0	2.53	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-3	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4210-0100-0105	PB-210	RAD	CMS-SD-4210-0100-0105	14255-04-0	3.53	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-6	24-Jun-03	16-Jul-03	26-Jul-03
CMS-SD-4210-0150-0155	PB-210	RAD	CMS-SD-4210-0150-0155	14255-04-0	1.36	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-19	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4210-0180-0185	PB-210	RAD	CMS-SD-4210-0180-0185	14255-04-0	0.886	+	pCi/g_DRYWT		L21372	Teledyne Brown	L21372-20	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4210-0240-0245	PB-210	RAD	CMS-SD-4210-0240-0245	14255-04-0	1.34	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-7	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4212-0010-0015	PB-210	RAD	CMS-SD-4212-0010-0015	14255-04-0	5.45	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-18	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0030-0035	PB-210	RAD	CMS-SD-4212-0030-0035	14255-04-0	3.08	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-15	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0050-0055	PB-210	RAD	CMS-SD-4212-0050-0055	14255-04-0	1.88	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-16	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0070-0075	PB-210	RAD	CMS-SD-4212-0070-0075	14255-04-0	1.86	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-12	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0100-0105	PB-210	RAD	CMS-SD-4212-0100-0105	14255-04-0	0.647	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-7	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0120-0125	PB-210	RAD	CMS-SD-4212-0120-0125	14255-04-0	0.599	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-14	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0145-0150	PB-210	RAD	CMS-SD-4212-0145-0150	14255-04-0	0.983	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-6	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0190-0195	PB-210	RAD	CMS-SD-4212-0190-0195	14255-04-0	1.35	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-17	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4212-0220-0225	PB-210	RAD	CMS-SD-4212-0220-0225	14255-04-0	1.18	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-13	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0010-0015	PB-210	RAD	CMS-SD-4213-0010-0015	14255-04-0	4.18	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-9	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0025-0030	PB-210	RAD	CMS-SD-4213-0025-0030	14255-04-0	4.57	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-10	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0030-0035	PB-210	RAD	CMS-SD-4213-0030-0035	14255-04-0	5.45	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-8	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0050-0055	PB-210	RAD	CMS-SD-4213-0050-0055	14255-04-0	3.26	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-3	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4213-0070-0075	PB-210	RAD	CMS-SD-4213-0070-0075	14255-04-0	1.56	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-4	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4213-0090-0095	PB-210	RAD	CMS-SD-4213-0090-0095	14255-04-0	1.88	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-11	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0110-0115	PB-210	RAD	CMS-SD-4213-0110-0115	14255-04-0	1.97	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-1	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4213-0130-0135	PB-210	RAD	CMS-SD-4213-0130-0135	14255-04-0	1.54	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-2	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4213-0160-0165	PB-210	RAD	CMS-SD-4213-0160-0165	14255-04-0	0.789	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-20	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0200-0205	PB-210	RAD	CMS-SD-4213-0200-0205	14255-04-0	1.05	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-19	24-Jun-03	28-Jul-03	28-Jul-03
CMS-SD-4213-0230-0235	PB-210	RAD	CMS-SD-4213-0230-0235	14255-04-0	1.07	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-9	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4218-0010-0015	PB-210	RAD	CMS-SD-4218-0010-0015	14255-04-0	8.59	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-4	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0030-0035	PB-210	RAD	CMS-SD-4218-0030-0035	14255-04-0	6.8	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-18	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0050-0055	PB-210	RAD	CMS-SD-4218-0050-0055	14255-04-0	6.85	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-1	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0085-0090	PB-210	RAD	CMS-SD-4218-0085-0090	14255-04-0	2.96	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-3	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0100-0105	PB-210	RAD	CMS-SD-4218-0100-0105	14255-04-0	2.25	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-2	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0140-0145	PB-210	RAD	CMS-SD-4218-0140-0145	14255-04-0	3.3	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-17	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0170-0175	PB-210	RAD	CMS-SD-4218-0170-0175	14255-04-0	1.25	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-20	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0190-0195	PB-210	RAD	CMS-SD-4218-0190-0195	14255-04-0	1.28	+	pCi/g_DRYWT		L21374	Teledyne Brown	L21374-19	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4218-0210-0215	PB-210	RAD	CMS-SD-4218-0210-0215	14255-04-0	1.39	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-5	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4219-0030-0035	PB-210	RAD	CMS-SD-4219-0030-0035	14255-04-0	2.24	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-8	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4219-0070-0075	PB-210	RAD	CMS-SD-4219-0070-0075	14255-04-0	3.02	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-11	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4219-0100-0105	PB-210	RAD	CMS-SD-4219-0100-0105	14255-04-0	1.42	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-10	24-Jun-03	18-Jul-03	21-Jul-03

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4206-0070-0075	PRO-032-30	0.0614			1	78.5			N	1.93	+	
CMS-SD-4206-0090-0095	PRO-032-30	0.0613			1	76.6			N	1.6	+	
CMS-SD-4206-0100-0105	PRO-032-30	0.0691			1	77.4			N	1.65	+	
CMS-SD-4206-0115-0120	PRO-032-30	0.0671			1	77.4			N	1.81	+	
CMS-SD-4206-0135-0140	PRO-032-30	0.0771			1	77.2			N	2.57	+	
CMS-SD-4206-0220-0225	PRO-032-30	0.0303			1	42.4			N	0.646	+	
CMS-SD-4209-0010-0015	PRO-032-30	0.174			1	64.6			N	5.57	+	
CMS-SD-4209-0025-0030	PRO-032-30	0.0643			1	61.6			N	4.54	+	
CMS-SD-4209-0060-0065	PRO-032-30	0.0654			1	33.9			N	0.931	+	
CMS-SD-4209-0090-0095	PRO-032-30	0.0795			1	61			N	3.23	+	
CMS-SD-4209-0140-0145	PRO-032-30	0.125			1	68.7			N	1.73	+	
CMS-SD-4209-0170-0175	PRO-032-30	0.0287			1	51.7			N	1.07	+	
CMS-SD-4209-0210-0215	PRO-032-30	0.0321			1	54.9			N	0.778	+	
CMS-SD-4209-0250-0255	PRO-032-30	0.101			1	62.9			N	1.2	U	
CMS-SD-4209-0270-0275	PRO-032-30	0.0845			1	70.5			N	1.04	U	
CMS-SD-4210-0010-0015	PRO-032-30	0.0246			1	63.8			N	4.36	+	
CMS-SD-4210-0025-0030	PRO-032-30	0.0205			1	55.8			N	3.19	+	
CMS-SD-4210-0040-0045	PRO-032-30	0.0326			1	59			N	3.45	+	
CMS-SD-4210-0055-0060	PRO-032-30	0.0313			1	57.9			N	4.19	+	
CMS-SD-4210-0070-0075	PRO-032-30	0.0202			1	63.8			N	2.53	+	
CMS-SD-4210-0100-0105	PRO-032-30	0.0694			1	62.3			N	3.53	+	
CMS-SD-4210-0150-0155	PRO-032-30	0.0283			1	54.4			N	1.36	+	
CMS-SD-4210-0180-0185	PRO-032-30	0.034			1	50.8			N	0.886	+	
CMS-SD-4210-0240-0245	PRO-032-30	0.0755			1	70.3			N	1.34	+	
CMS-SD-4212-0010-0015	PRO-032-30	0.636			1	78.9			N	5.45	U	
CMS-SD-4212-0030-0035	PRO-032-30	0.291			1	74.7			N	3.08	+	
CMS-SD-4212-0050-0055	PRO-032-30	0.262			1	77.8			N	1.88	+	
CMS-SD-4212-0070-0075	PRO-032-30	0.396			1	74.7			N	1.86	+	
CMS-SD-4212-0100-0105	PRO-032-30	0.252			1	60.8			N	0.647	+	
CMS-SD-4212-0120-0125	PRO-032-30	0.27			1	69.5			N	0.599	+	
CMS-SD-4212-0145-0150	PRO-032-30	0.28			1	72			N	0.983	+	
CMS-SD-4212-0190-0195	PRO-032-30	0.369			1	74.7			N	1.35	+	
CMS-SD-4212-0220-0225	PRO-032-30	0.401			1	64.3			N	1.18	+	
CMS-SD-4213-0010-0015	PRO-032-30	0.318			1	74.7			N	4.18	+	
CMS-SD-4213-0025-0030	PRO-032-30	0.385			1	75.9			N	4.57	+	
CMS-SD-4213-0030-0035	PRO-032-30	0.446			1	71.2			N	5.45	+	
CMS-SD-4213-0050-0055	PRO-032-030	0.45			1	64.8			N	3.26	J	
CMS-SD-4213-0070-0075	PRO-032-030	1.48			1	74.1			N	1.56	J	
CMS-SD-4213-0090-0095	PRO-032-30	0.287			1	69.2			N	1.88	+	
CMS-SD-4213-0110-0115	PRO-032-030	0.343			1	75.7			N	1.97	+	
CMS-SD-4213-0130-0135	PRO-032-030	0.334			1	74.9			N	1.54	+	
CMS-SD-4213-0160-0165	PRO-032-30	0.306			1	71.6			N	0.789	+	
CMS-SD-4213-0200-0205	PRO-032-30	0.369			1	70			N	1.05	+	
CMS-SD-4213-0230-0235	PRO-032-030	0.158			1	66.3			N	1.07	+	
CMS-SD-4218-0010-0015	PRO-032-30	0.14			1	76.1			N	8.59	+	
CMS-SD-4218-0030-0035	PRO-032-30	0.118			1	74.4			N	6.8	+	
CMS-SD-4218-0050-0055	PRO-032-30	0.0633			1	70.1			N	6.85	+	
CMS-SD-4218-0085-0090	PRO-032-30	0.0488			1	61.4			N	2.96	+	
CMS-SD-4218-0100-0105	PRO-032-30	0.0392			1	62.3			N	2.25	+	
CMS-SD-4218-0140-0145	PRO-032-30	0.0789			1	75.6			N	3.3	+	
CMS-SD-4218-0170-0175	PRO-032-30	0.0524			1	65.7			N	1.25	+	
CMS-SD-4218-0190-0195	PRO-032-30	0.0654			1	67.4			N	1.28	+	
CMS-SD-4218-0210-0215	PRO-032-30	0.106			1	51.4			N	1.39	+	
CMS-SD-4219-0030-0035	PRO-032-30	0.0273			1	58.1			N	2.24	+	
CMS-SD-4219-0070-0075	PRO-032-30	0.0758			1	77.2			N	3.02	+	
CMS-SD-4219-0100-0105	PRO-032-30	0.0438			1	60			N	1.42	+	

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NSAMPLE	PARAMETER	CLASS	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE
CMS-SD-4219-0140-0145	PB-210	RAD	CMS-SD-4219-0140-0145	14255-04-0	1.17	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-9	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4219-0170-0175	PB-210	RAD	CMS-SD-4219-0170-0175	14255-04-0	0.512	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-6	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4219-0210-0215	PB-210	RAD	CMS-SD-4219-0210-0215	14255-04-0	0.535	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-7	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4222-0010-0015	PB-210	RAD	CMS-SD-4222-0010-0015	14255-04-0	4.35	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-15	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0020-0025	PB-210	RAD	CMS-SD-4222-0020-0025	14255-04-0	3.88	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-8	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0040-0045	PB-210	RAD	CMS-SD-4222-0040-0045	14255-04-0	2.84	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-12	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0060-0065	PB-210 (R1)	RAD	CMS-SD-4222-0060-0065	14255-04-0	2.46	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-7	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0080-0085	PB-210	RAD	CMS-SD-4222-0080-0085	14255-04-0	2.74	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-11	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0100-0105	PB-210	RAD	CMS-SD-4222-0100-0105	14255-04-0	3.01	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-5	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0120-0125	PB-210	RAD	CMS-SD-4222-0120-0125	14255-04-0	1.56	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-10	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0165-0170	PB-210	RAD	CMS-SD-4222-0165-0170	14255-04-0	1.1	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-14	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0210-0215	PB-210	RAD	CMS-SD-4222-0210-0215	14255-04-0	1.08	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-6	24-Jun-03	12-Aug-03	13-Aug-03
CMS-SD-4222-0250-0255	PB-210	RAD	CMS-SD-4222-0250-0255	14255-04-0	0.681	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-13	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4201-0010-0015	PB-210	RAD	LPX-SD-4201-0010-0015	14255-04-0	3.72	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-2	24-Jun-03	28-Jul-03	28-Jul-03
LPX-SD-4201-0030-0035	PB-210	RAD	LPX-SD-4201-0030-0035	14255-04-0	3.85	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-14	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4201-0060-0065	PB-210	RAD	LPX-SD-4201-0060-0065	14255-04-0	1.38	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-17	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4201-0090-0095	PB-210	RAD	LPX-SD-4201-0090-0095	14255-04-0	0.869	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-20	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4201-0115-0120	PB-210	RAD	LPX-SD-4201-0115-0120	14255-04-0	0.612	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-19	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4201-0160-0165	PB-210	RAD	LPX-SD-4201-0160-0165	14255-04-0	0.661	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-5	24-Jun-03	28-Jul-03	28-Jul-03
LPX-SD-4201-0200-0205	PB-210	RAD	LPX-SD-4201-0200-0205	14255-04-0	0.415	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-4	24-Jun-03	28-Jul-03	28-Jul-03
LPX-SD-4201-0240-0245	PB-210	RAD	LPX-SD-4201-0240-0245	14255-04-0	1.26	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-3	24-Jun-03	28-Jul-03	28-Jul-03
LPX-SD-4201-0280-0285	PB-210	RAD	LPX-SD-4201-0280-0285	14255-04-0	1.78	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-19	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4201-0395-0400	PB-210	RAD	LPX-SD-4201-0395-0400	14255-04-0	0.909	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-15	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4204-0190-0195	PB-210	RAD	LPX-SD-4204-0190-0195	14255-04-0	0.951	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-17	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4204-0210-0215	PB-210	RAD	LPX-SD-4204-0210-0215	14255-04-0	1.55	U	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-18	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4204-0230-0235	PB-210	RAD	LPX-SD-4204-0230-0235	14255-04-0	0.688	+	pCi/g_DRYWT		L21379	Teledyne Brown	L21379-16	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4209-0010-0015	PB-210	RAD	LPX-SD-4209-0010-0015	14255-04-0	6.45	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-13	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4209-0110-0115	PB-210	RAD	LPX-SD-4209-0110-0115	14255-04-0	1.43	+	pCi/g_DRYWT		L21378	Teledyne Brown	L21378-1	24-Jun-03	28-Jul-03	28-Jul-03
LPX-SD-4209-0140-0145	PB-210	RAD	LPX-SD-4209-0140-0145	14255-04-0	2.33	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-20	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4209-0180-0185	PB-210	RAD	LPX-SD-4209-0180-0185	14255-04-0	3.11	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-12	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4209-0240-0245	PB-210	RAD	LPX-SD-4209-0240-0245	14255-04-0	1.16	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-18	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4209-0335-0340	PB-210	RAD	LPX-SD-4209-0335-0340	14255-04-0	0.855	+	pCi/g_DRYWT		L21376	Teledyne Brown	L21376-16	24-Jun-03	22-Jul-03	23-Jul-03
CMS-SD-4206-0220-0225DUP	CS-137	RAD	CMS-SD-4206-0220-0225DUP	7440-46-2	-0.01746	U	pCi/g_DRYWT		WG1188	Teledyne Brown	WG1188-3	24-Jun-03	10-Jul-03	10-Jul-03
CMS-SD-4209-0060-0065DUP	CS-137	RAD	CMS-SD-4209-0060-0065DUP	7440-46-2	0.2509	+	pCi/g_DRYWT		WG1217	Teledyne Brown	WG1217-3	24-Jun-03	10-Jul-03	10-Jul-03
LPX-SD-4204-0230-0235DUP	CS-137	RAD	LPX-SD-4204-0230-0235DUP	7440-46-2	0.03862	U	pCi/g_DRYWT		WG1235	Teledyne Brown	WG1235-3	24-Jun-03	14-Jul-03	14-Jul-03
LPX-SD-4209-0110-0115DUP	CS-137	RAD	LPX-SD-4209-0110-0115DUP	7440-46-2	0.08972	U	pCi/g_DRYWT		WG1268	Teledyne Brown	WG1268-3	24-Jun-03	22-Jul-03	22-Jul-03
LPX-SD-4209-0335-0340DUP	CS-137	RAD	LPX-SD-4209-0335-0340DUP	7440-46-2	0.08813	U	pCi/g_DRYWT		WG1234	Teledyne Brown	WG1234-3	24-Jun-03	14-Jul-03	14-Jul-03
CMS-SD-4206-0220-0225DUP	PB-210	RAD	CMS-SD-4206-0220-0225DUP	14255-04-0	0.7	+	pCi/g_DRYWT		WG1222	Teledyne Brown	WG1222-5	24-Jun-03	16-Jul-03	18-Jul-03
CMS-SD-4209-0060-0065DUP	PB-210	RAD	CMS-SD-4209-0060-0065DUP	14255-04-0	0.931	+	pCi/g_DRYWT		WG1247	Teledyne Brown	WG1247-3	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4219-0210-0215DUP	PB-210	RAD	CMS-SD-4219-0210-0215DUP	14255-04-0	0.524	+	pCi/g_DRYWT		WG1248	Teledyne Brown	WG1248-3	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4204-0230-0235DUP	PB-210	RAD	LPX-SD-4204-0230-0235DUP	14255-04-0	0.71	+	pCi/g_DRYWT		WG1369	Teledyne Brown	WG1369-3	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4209-0110-0115DUP	PB-210	RAD	LPX-SD-4209-0110-0115DUP	14255-04-0	1.17	+	pCi/g_DRYWT		WG1253	Teledyne Brown	WG1253-3	24-Jun-03	28-Jul-03	28-Jul-03
WG1183-2	CS-137	RAD	WG1183-2	7440-46-2	98.507914	+	PCT_REC		WG1183	Teledyne Brown	WG1183-2		1-Jul-03	1-Jul-03
WG1184-2	CS-137	RAD	WG1184-2	7440-46-2	99.814299	+	PCT_REC		WG1184	Teledyne Brown	WG1184-2		2-Jul-03	2-Jul-03
WG1185-2	CS-137	RAD	WG1185-2	7440-46-2	98.842608	+	PCT_REC		WG1185	Teledyne Brown	WG1185-2		3-Jul-03	3-Jul-03
WG1187-2	CS-137	RAD	WG1187-2	7440-46-2	95.873551	+	PCT_REC		WG1187	Teledyne Brown	WG1187-2		3-Jul-03	3-Jul-03
WG1188-2	CS-137	RAD	WG1188-2	7440-46-2	99.004556	+	PCT_REC		WG1188	Teledyne Brown	WG1188-2		8-Jul-03	8-Jul-03
WG1195-2	CS-137	RAD	WG1195-2	7440-46-2	100.85077	+	PCT_REC		WG1195	Teledyne Brown	WG1195-2		7-Jul-03	7-Jul-03
WG1217-2	CS-137	RAD	WG1217-2	7440-46-2	108.613504	+	PCT_REC		WG1217	Teledyne Brown	WG1217-2		9-Jul-03	9-Jul-03
WG1218-2	CS-137	RAD	WG1218-2	7440-46-2	94.901859	+	PCT_REC		WG1218	Teledyne Brown	WG1218-2		10-Jul-03	10-Jul-03
WG1234-2	CS-137	RAD	WG1234-2	7440-46-2	102.567425	+	PCT_REC		WG1234	Teledyne Brown	WG1234-2		14-Jul-03	14-Jul-03
WG1235-2	CS-137	RAD	WG1235-2	7440-46-2	101.390598	+	PCT_REC		WG1235	Teledyne Brown	WG1235-2		14-Jul-03	14-Jul-03
WG1252-2	CS-137	RAD	WG1252-2	7440-46-2	107.58783	+	PCT_REC		WG1252	Teledyne Brown	WG1252-2		16-Jul-03	16-Jul-03
WG1268-2	CS-137	RAD	WG1268-2	7440-46-2	113.687893	+	PCT_REC		WG1268	Teledyne Brown	WG1268-2		22-Jul-03	22-Jul-03
WG1222-4	PB-210	RAD	WG1222-4	14255-04-0	95.430065	+	PCT_REC		WG1222	Teledyne Brown	WG1222-4		16-Jul-03	18-Jul-03
WG1233-2	PB-210	RAD	WG1233-2	14255-04-0	98.422097	+	PCT_REC		WG1233	Teledyne Brown	WG1233-2		16-Jul-03	18-Jul-03

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4219-0140-0145	PRO-032-30	0.0352			1	64.1			N	1.17	+	
CMS-SD-4219-0170-0175	PRO-032-30	0.0421			1	38.9			N	0.512	U	
CMS-SD-4219-0210-0215	PRO-032-30	0.0306			1	33.3			N	0.535	+	
CMS-SD-4222-0010-0015	PRO-032-030	0.243			1	70.5			N	4.35	+	
CMS-SD-4222-0020-0025	PRO-032-030	0.21			1	69			N	3.88	+	
CMS-SD-4222-0040-0045	PRO-032-030	0.303			1	65.6			N	2.84	+	
CMS-SD-4222-0060-0065	PRO-032-030	0.321			1	71.1			N	2.46	+	
CMS-SD-4222-0080-0085	PRO-032-030	0.392			1	73.9			N	2.74	+	
CMS-SD-4222-0100-0105	PRO-032-030	0.761			1	80			N	3.01	J	
CMS-SD-4222-0120-0125	PRO-032-030	0.444			1	75.7			N	1.56	+	
CMS-SD-4222-0165-0170	PRO-032-030	0.43			1	65			N	1.1	+	
CMS-SD-4222-0210-0215	PRO-032-030	1.08			1	69.6			N	1.08	UJ	
CMS-SD-4222-0250-0255	PRO-032-030	0.132			1	48.9			N	0.681	+	
LPX-SD-4201-0010-0015	PRO-032-30	0.302			1	77.6			N	3.72	+	
LPX-SD-4201-0030-0035	PRO-032-30	0.0446			1	70.8			N	3.85	+	
LPX-SD-4201-0060-0065	PRO-032-30	0.0207			1	78.8			N	1.38	+	
LPX-SD-4201-0090-0095	PRO-032-030	0.29			1	71.3			N	0.869	+	
LPX-SD-4201-0115-0120	PRO-032-030	1.05			1	90.7			N	0.612	U	
LPX-SD-4201-0160-0165	PRO-032-30	0.347			1	71.9			N	0.661	+	
LPX-SD-4201-0200-0205	PRO-032-30	0.237			1	63.3			N	0.415	+	
LPX-SD-4201-0240-0245	PRO-032-30	0.372			1	79.9			N	1.26	+	
LPX-SD-4201-0280-0285	PRO-032-30	0.0423			1	76.5			N	1.78	+	
LPX-SD-4201-0395-0400	PRO-032-30	0.023			1	39.8			N	0.909	+	
LPX-SD-4204-0190-0195	PRO-032-030	0.15			1	63.1			N	0.951	+	
LPX-SD-4204-0210-0215	PRO-032-030	2.16			1	52.1			N	1.55	U	
LPX-SD-4204-0230-0235	PRO-032-030	0.143			1	27.8			N	0.688	+	
LPX-SD-4209-0010-0015	PRO-032-30	0.284			1	82.2			N	6.45	+	
LPX-SD-4209-0110-0115	PRO-032-30	0.346			1	37.9			N	1.43	+	
LPX-SD-4209-0140-0145	PRO-032-30	0.0261			1	63.5			N	2.33	+	
LPX-SD-4209-0180-0185	PRO-032-30	0.126			1	77.4			N	3.11	+	
LPX-SD-4209-0240-0245	PRO-032-30	0.0316			1	68			N	1.16	+	
LPX-SD-4209-0335-0340	PRO-032-30	0.0205			1	47.3			N	0.855	+	
CMS-SD-4206-0220-0225DUP	TBE-2008	0.08354			1	42.4	L21372-9		DUP			
CMS-SD-4209-0060-0065DUP	TBE-2008	0.1166			1	33.9	L21374-11		DUP			
LPX-SD-4204-0230-0235DUP	TBE-2008	0.1284			1	27.8	L21379-16		DUP			
LPX-SD-4209-0110-0115DUP	TBE-2008	0.1655			1	37.9	L21378-1		DUP			
LPX-SD-4209-0335-0340DUP	TBE-2008	0.1842			1	47.3	L21376-16		DUP			
CMS-SD-4206-0220-0225DUP	PRO-032-30	0.0378			1	42.4	L21372-9		DUP			
CMS-SD-4209-0060-0065DUP	PRO-032-30	0.0818			1	33.9	L21374-11		DUP			
CMS-SD-4219-0210-0215DUP	PRO-032-30	0.0317			1	33.3	L21376-7		DUP			
LPX-SD-4204-0230-0235DUP	PRO-032-030	0.575			1	27.8	L21379-16		DUP			
LPX-SD-4209-0110-0115DUP	PRO-032-30	0.339			1	37.9	L21378-1		DUP			
WG1183-2	TBE-2008				1	0			LCS			
WG1184-2	TBE-2008				1	0			LCS			
WG1185-2	TBE-2008				1	0			LCS			
WG1187-2	TBE-2008				1	0			LCS			
WG1188-2	TBE-2008				1	0			LCS			
WG1195-2	TBE-2008				1	0			LCS			
WG1217-2	TBE-2008				1	0			LCS			
WG1218-2	TBE-2008				1	0			LCS			
WG1234-2	TBE-2008				1	0			LCS			
WG1235-2	TBE-2008				1	0			LCS			
WG1252-2	TBE-2008				1	0			LCS			
WG1268-2	TBE-2008				1	0			LCS			
WG1222-4	PRO-032-30				1	0			LCS			
WG1233-2	PRO-032-30				1	0			LCS			

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NSAMPLE	PARAMETER	CLASS	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE
WG1247-2	PB-210	RAD	WG1247-2	14255-04-0	98.107146	+	PCT_REC		WG1247	Teledyne Brown	WG1247-2		18-Jul-03	21-Jul-03
WG1248-2	PB-210	RAD	WG1248-2	14255-04-0	109.130421	+	PCT_REC		WG1248	Teledyne Brown	WG1248-2		22-Jul-03	23-Jul-03
WG1253-2	PB-210	RAD	WG1253-2	14255-04-0	74.958269	+	PCT_REC		WG1253	Teledyne Brown	WG1253-2		28-Jul-03	28-Jul-03
WG1369-2	PB-210	RAD	WG1369-2	14255-04-0	94.485213	+	PCT_REC		WG1369	Teledyne Brown	WG1369-2		12-Aug-03	13-Aug-03
WG1183-1	CS-137	RAD	WG1183-1	7440-46-2	3.457	U	pCi/Total		WG1183	Teledyne Brown	WG1183-1		1-Jul-03	1-Jul-03
WG1184-1	CS-137	RAD	WG1184-1	7440-46-2	1.179	U	pCi/Total		WG1184	Teledyne Brown	WG1184-1		2-Jul-03	2-Jul-03
WG1185-1	CS-137	RAD	WG1185-1	7440-46-2	3.551	U	pCi/Total		WG1185	Teledyne Brown	WG1185-1		3-Jul-03	3-Jul-03
WG1187-1	CS-137	RAD	WG1187-1	7440-46-2	0	U	pCi/Total		WG1187	Teledyne Brown	WG1187-1		3-Jul-03	3-Jul-03
WG1188-1	CS-137	RAD	WG1188-1	7440-46-2	0	U	pCi/Total		WG1188	Teledyne Brown	WG1188-1		8-Jul-03	8-Jul-03
WG1195-1	CS-137	RAD	WG1195-1	7440-46-2	0.8746	U	pCi/Total		WG1195	Teledyne Brown	WG1195-1		7-Jul-03	7-Jul-03
WG1217-1	CS-137	RAD	WG1217-1	7440-46-2	-9.143	U	pCi/Total		WG1217	Teledyne Brown	WG1217-1		9-Jul-03	9-Jul-03
WG1218-1	CS-137	RAD	WG1218-1	7440-46-2	4.186	U	pCi/Total		WG1218	Teledyne Brown	WG1218-1		10-Jul-03	10-Jul-03
WG1234-1	CS-137	RAD	WG1234-1	7440-46-2	-1.955	U	pCi/Total		WG1234	Teledyne Brown	WG1234-1		14-Jul-03	14-Jul-03
WG1235-1	CS-137	RAD	WG1235-1	7440-46-2	11.59	U	pCi/Total		WG1235	Teledyne Brown	WG1235-1		14-Jul-03	14-Jul-03
WG1252-1	CS-137	RAD	WG1252-1	7440-46-2	3.744	U	pCi/Total		WG1252	Teledyne Brown	WG1252-1		16-Jul-03	16-Jul-03
WG1268-1	CS-137	RAD	WG1268-1	7440-46-2	3.147	U	pCi/Total		WG1268	Teledyne Brown	WG1268-1		22-Jul-03	22-Jul-03
WG1222-3	PB-210	RAD	WG1222-3	14255-04-0	0.843	+	pCi/Total		WG1222	Teledyne Brown	WG1222-3		16-Jul-03	18-Jul-03
WG1233-1	PB-210	RAD	WG1233-1	14255-04-0	1.2	+	pCi/Total		WG1233	Teledyne Brown	WG1233-1		16-Jul-03	18-Jul-03
WG1247-1	PB-210	RAD	WG1247-1	14255-04-0	1.22	+	pCi/Total		WG1247	Teledyne Brown	WG1247-1		18-Jul-03	21-Jul-03
WG1248-1	PB-210	RAD	WG1248-1	14255-04-0	0.553	+	pCi/Total		WG1248	Teledyne Brown	WG1248-1		22-Jul-03	24-Jul-03
WG1253-1	PB-210	RAD	WG1253-1	14255-04-0	2.24	+	pCi/Total		WG1253	Teledyne Brown	WG1253-1		28-Jul-03	28-Jul-03
WG1369-1	PB-210	RAD	WG1369-1	14255-04-0	-0.083	U	pCi/Total		WG1369	Teledyne Brown	WG1369-1		12-Aug-03	13-Aug-03
CMS-SD-4209-0060-0065MS	PB-210	RAD	CMS-SD-4209-0060-0065MS	14255-04-0	97.861843	+	PCT_REC		WG1247	Teledyne Brown	WG1247-4	24-Jun-03	18-Jul-03	21-Jul-03
CMS-SD-4210-0040-0045MS	PB-210	RAD	CMS-SD-4210-0040-0045MS	14255-04-0	69.36711	+	PCT_REC		WG1222	Teledyne Brown	WG1222-6	24-Jun-03	16-Jul-03	17-Jul-03
CMS-SD-4219-0210-0215MS	PB-210	RAD	CMS-SD-4219-0210-0215MS	14255-04-0	85.347743	+	PCT_REC		WG1248	Teledyne Brown	WG1248-4	24-Jun-03	22-Jul-03	23-Jul-03
LPX-SD-4204-0230-0235MS	PB-210	RAD	LPX-SD-4204-0230-0235MS	14255-04-0	109.876086	+	PCT_REC		WG1369	Teledyne Brown	WG1369-4	24-Jun-03	12-Aug-03	13-Aug-03
LPX-SD-4209-0110-0115MS	PB-210	RAD	LPX-SD-4209-0110-0115MS	14255-04-0	63.145094	+	PCT_REC		WG1253	Teledyne Brown	WG1253-4	24-Jun-03	28-Jul-03	28-Jul-03

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
WG1247-2	PRO-032-30				1	0			LCS			
WG1248-2	PRO-032-30				1	0			LCS			
WG1253-2	PRO-032-30				1	0			LCS			
WG1369-2	PRO-032-030				1	0			LCS			
WG1183-1	TBE-2008	16.57			1	0			MB			
WG1184-1	TBE-2008	10.49			1	0			MB			
WG1185-1	TBE-2008	9.097			1	0			MB			
WG1187-1	TBE-2008	14.8			1	0			MB			
WG1188-1	TBE-2008	11.7			1	0			MB			
WG1195-1	TBE-2008	14.76			1	0			MB			
WG1217-1	TBE-2008	12.59			1	0			MB			
WG1218-1	TBE-2008	16.49			1	0			MB			
WG1234-1	TBE-2008	14.6			1	0			MB			
WG1235-1	TBE-2008	23.19			1	0			MB			
WG1252-1	TBE-2008	18.79			1	0			MB			
WG1268-1	TBE-2008	15.04			1	0			MB			
WG1222-3	PRO-032-30	0.319			1	0			MB			
WG1233-1	PRO-032-30	0.33			1	0			MB			
WG1247-1	PRO-032-30	0.456			1	0			MB			
WG1248-1	PRO-032-30	0.414			1	0			MB			
WG1253-1	PRO-032-30	0.623			1	0			MB			
WG1369-1	PRO-032-030	0.615			1	0			MB			
CMS-SD-4209-0060-0065MS	PRO-032-30	0.0818			1	33.9	L21374-11		MS			
CMS-SD-4210-0040-0045MS	PRO-032-30	0.0378			1	59	L21374-4		MS			
CMS-SD-4219-0210-0215MS	PRO-032-30	0.0317			1	33.3	L21376-7		MS			
LPX-SD-4204-0230-0235MS	PRO-032-030	0.575			1	27.8	L21379-16		MS			
LPX-SD-4209-0110-0115MS	PRO-032-30	0.339			1	37.9	L21378-1		MS			

SECTION 3

US EPA ARCHIVE DOCUMENT

Section 3
Total Organic Carbon Content Results

QA/QC Narrative
Sediment and QC Results

US EPA ARCHIVE DOCUMENT

QA/QC Narrative

TOC SEDIMENT QA/QC Summary

PROJECT: USACE NED Delivery Order #01 Centredale

PARAMETER: TOC

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

MATRIX: Sediment

SAMPLE CUSTODY: Centredale sediment samples were collected by USEPA/ERT during May 6 through May 9, 2003. Samples were transported to EPA's laboratory in Narragansett, Rhode Island for core processing. Core processing was conducted by USACE/ERDC and sub-samples were taken for chemical and physical testing. All samples for TOC testing were stored refrigerated at the Narragansett laboratory, and transported to Battelle on May 12, 2003. Samples arrived at Battelle in good condition and were logged into the laboratory's tracking system. Temperature upon receipt was within temperature specifications for all but a few samples that arrived at 8.8°C and 6.9°C.

Samples selected for TOC testing were shipped via overnight carrier on May 29, 2003 to AMS. All samples were received in good condition at AMS.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Instrument Blank	Laboratory Duplicate	SRM % Diff.	Achieved Detection Limit (% dry)
TOC	EPA Method 9060	<10× MDL[a]	≤50% RPD	≤5% PD	TOC: 0.01

[a] With signal to noise >10:1

METHOD: Sediment samples were prepared and analyzed for TOC following EPA Method 9060.

HOLDING TIMES: Samples were prepared for analysis within holding time.

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

BLANKS: Four instrument blank samples were analyzed with the study samples. Blanks are analyzed to ensure that the sample analysis method is free of contamination.

TOC – TOC was undetected in the instrument blanks at levels above the MDL

REPLICATES: Four laboratory duplicates were prepared with the study samples. The RPD between laboratory replicate analyses for TOC was calculated to measure data quality in terms of precision.

TOC – No exceedences

Comments – RPD results were within the measurement quality objectives limits, *i.e.*, ≤50% RPD.

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

TOC – No exceedences

Comments – TOC was recovered within the measurement quality objectives limits, *i.e.*, ≤5% PD.

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Sediment and QC Results

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DATE	EXTR_DATE	ANAL_DATE	METHOD
CMS-SD-4215-1218-01	TOC	Total Organic Carbon	CMS-SD-4215-1218-01		7.85		Percent			AMS	18439	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4215-1828-01	TOC	Total Organic Carbon	CMS-SD-4215-1828-01		6.37		Percent			AMS	18440	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4218-2127-01	TOC	Total Organic Carbon	CMS-SD-4218-2127-01		2.07		Percent			AMS	18441	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4218-1621-01	TOC	Total Organic Carbon	CMS-SD-4218-1621-01		9.02		Percent			AMS	18442	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4218-1016-01	TOC	Total Organic Carbon	CMS-SD-4218-1016-01		13.75		Percent			AMS	18443	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4218-2737-01	TOC	Total Organic Carbon	CMS-SD-4218-2737-01		0.76		Percent			AMS	18444	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4218-0010-01	TOC	Total Organic Carbon	CMS-SD-4218-0010-01		7.62		Percent			AMS	18445	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4210-0510-01	TOC	Total Organic Carbon	CMS-SD-4210-0510-01		8.22		Percent			AMS	18446	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4210-1518-01	TOC	Total Organic Carbon	CMS-SD-4210-1518-01		3.65		Percent			AMS	18447	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4209-1015-01	TOC	Total Organic Carbon	CMS-SD-4209-1015-01		9.70		Percent			AMS	18448	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4210-1015-01	TOC	Total Organic Carbon	CMS-SD-4210-1015-01		8.57		Percent			AMS	18449	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4210-0005-01	TOC	Total Organic Carbon	CMS-SD-4210-0005-01		9.54		Percent			AMS	18450	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4210-1824-01	TOC	Total Organic Carbon	CMS-SD-4210-1824-01		7.19		Percent			AMS	18451	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4209-0005-01	TOC	Total Organic Carbon	CMS-SD-4209-0005-01		6.52		Percent			AMS	18452	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4220-0921-01	TOC	Total Organic Carbon	CMS-SD-4220-0926-01		6.17		Percent			AMS	18453	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4220-0609-01	TOC	Total Organic Carbon	CMS-SD-4220-0609-01		3.43		Percent			AMS	18454	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4220-0006-01	TOC	Total Organic Carbon	CMS-SD-4220-0006-01		5.01		Percent			AMS	18455	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4204-0005-01	TOC	Total Organic Carbon	CMS-SD-4204-0005-01		12.32		Percent			AMS	18456	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4204-0510-01	TOC	Total Organic Carbon	CMS-SD-4204-0510-01		14.03		Percent			AMS	18457	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4204-1015-01	TOC	Total Organic Carbon	CMS-SD-4204-1015-01		7.19		Percent			AMS	18458	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4204-1015-01 DUP	TOC	Total Organic Carbon	CMS-SD-4204-1015-01		7.15		Percent			AMS	18458-2	30-May-03	30-May-03	3-Jun-03	EPA 9060
CC01	TOC	Total Organic Carbon	CC01		1.04		PCT_DIFF			AMS	CC01			3-Jun-03	EPA 9060
CB01	TOC	Total Organic Carbon	CB01		0.01	U	Percent			AMS	CB01			3-Jun-03	EPA 9060
CMS-SD-4204-1518-01	TOC	Total Organic Carbon	CMS-SD-4204-1518-01		2.97		Percent			AMS	18459	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4204-1823-01	TOC	Total Organic Carbon	CMS-SD-4204-1823-01		2.01		Percent			AMS	18460	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4205-0005-01	TOC	Total Organic Carbon	CMS-SD-4205-0005-01		3.54		Percent			AMS	18461	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4205-0510-01	TOC	Total Organic Carbon	CMS-SD-4205-0510-01		2.57		Percent			AMS	18462	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4205-1017-01	TOC	Total Organic Carbon	CMS-SD-4205-1017-01		2.47		Percent			AMS	18463	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4217-0409-01	TOC	Total Organic Carbon	CMS-SD-4217-0409-01		2.01		Percent			AMS	18465	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4217-0913-01	TOC	Total Organic Carbon	CMS-SD-4217-0913-01		4.92		Percent			AMS	18466	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4217-0004-01	TOC	Total Organic Carbon	CMS-SD-4217-0004-01		8.33		Percent			AMS	18469	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4217-1320-01	TOC	Total Organic Carbon	CMS-SD-4217-1320-01		12.31		Percent			AMS	18470	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4215-0012-01	TOC	Total Organic Carbon	CMS-SD-4215-0012-01		6.38		Percent			AMS	18471	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4219-1727-01	TOC	Total Organic Carbon	CMS-SD-4219-1727-01		0.94		Percent			AMS	18472	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4219-1017-01	TOC	Total Organic Carbon	CMS-SD-4219-1017-01		5.31		Percent			AMS	18473	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4219-0010-01	TOC	Total Organic Carbon	CMS-SD-4219-0010-01		10.33		Percent			AMS	18474	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4216-0020-01	TOC	Total Organic Carbon	CMS-SD-4216-0020-01		6.17		Percent			AMS	18478	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4216-2023-01	TOC	Total Organic Carbon	CMS-SD-4216-2023-01		0.79		Percent			AMS	18479	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4213-0825-01	TOC	Total Organic Carbon	CMS-SD-4213-0825-01		9.57		Percent			AMS	18480	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4213-0508-01	TOC	Total Organic Carbon	CMS-SD-4213-0508-01		14.08		Percent			AMS	18481	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4213-0005-01	TOC	Total Organic Carbon	CMS-SD-4213-0005-01		9.33		Percent			AMS	18482	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4212-0725-01	TOC	Total Organic Carbon	CMS-SD-4212-0725-01		8.95		Percent			AMS	18483	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4212-0007-01	TOC	Total Organic Carbon	CMS-SD-4212-0007-01		12.35		Percent			AMS	18484	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4212-0007-01 DUP	TOC	Total Organic Carbon	CMS-SD-4212-0007-01		11.53		Percent			AMS	18484-2	30-May-03	30-May-03	3-Jun-03	EPA 9060
CC02	TOC	Total Organic Carbon	CC02		3.28		PCT_DIFF			AMS	CC02			3-Jun-03	EPA 9060
CB02	TOC	Total Organic Carbon	CB02		0.01	U	Percent			AMS	CB02			3-Jun-03	EPA 9060
CMS-SD-4216-2332-01	TOC	Total Organic Carbon	CMS-SD-4216-2332-01		0.24		Percent			AMS	18485	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4211-0510-01	TOC	Total Organic Carbon	CMS-SD-4211-0510-01		6.76		Percent			AMS	18499	30-May-03	30-May-03	3-Jun-03	EPA 9060

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NSAMPLE	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4215-1218-01	0.01	0.01		1			2	N	7.85		
CMS-SD-4215-1828-01	0.01	0.01		1			2	N	6.37		
CMS-SD-4218-2127-01	0.01	0.01		1			2	N	2.07		
CMS-SD-4218-1621-01	0.01	0.01		1			2	N	9.02		
CMS-SD-4218-1016-01	0.01	0.01		1			2	N	13.75		
CMS-SD-4218-2737-01	0.01	0.01		1			2	N	0.76		
CMS-SD-4218-0010-01	0.01	0.01		1			2	N	7.62		
CMS-SD-4210-0510-01	0.01	0.01		1			2	N	8.22		
CMS-SD-4210-1518-01	0.01	0.01		1			2	N	3.65		
CMS-SD-4209-1015-01	0.01	0.01		1			2	N	9.70		
CMS-SD-4210-1015-01	0.01	0.01		1			2	N	8.57		
CMS-SD-4210-0005-01	0.01	0.01		1			2	N	9.54		
CMS-SD-4210-1824-01	0.01	0.01		1			2	N	7.19		
CMS-SD-4209-0005-01	0.01	0.01		1			2	N	6.52		
CMS-SD-4220-0921-01	0.01	0.01		1			2	N	6.17		
CMS-SD-4220-0609-01	0.01	0.01		1			2	N	3.43		
CMS-SD-4220-0006-01	0.01	0.01		1			2	N	5.01		
CMS-SD-4204-0005-01	0.01	0.01		1			2	N	12.32		
CMS-SD-4204-0510-01	0.01	0.01		1			2	N	14.03		
CMS-SD-4204-1015-01	0.01	0.01		1			2	N	7.19		
CMS-SD-4204-1015-01 DUP	0.01	0.01		1			2	DUP	7.15		
CC01	0.01	0.01		1			2	SRM	1.04		
CB01	0.01	0.01		1			2	MB	0.01	U	
CMS-SD-4204-1518-01	0.01	0.01		1			2	N	2.97		
CMS-SD-4204-1823-01	0.01	0.01		1			2	N	2.01		
CMS-SD-4205-0005-01	0.01	0.01		1			2	N	3.54		
CMS-SD-4205-0510-01	0.01	0.01		1			2	N	2.57		
CMS-SD-4205-1017-01	0.01	0.01		1			2	N	2.47		
CMS-SD-4217-0409-01	0.01	0.01		1			2	N	2.01		
CMS-SD-4217-0913-01	0.01	0.01		1			2	N	4.92		
CMS-SD-4217-0004-01	0.01	0.01		1			2	N	8.33		
CMS-SD-4217-1320-01	0.01	0.01		1			2	N	12.31		
CMS-SD-4215-0012-01	0.01	0.01		1			2	N	6.38		
CMS-SD-4219-1727-01	0.01	0.01		1			2	N	0.94		
CMS-SD-4219-1017-01	0.01	0.01		1			2	N	5.31		
CMS-SD-4219-0010-01	0.01	0.01		1			2	N	10.33		
CMS-SD-4216-0020-01	0.01	0.01		1			2	N	6.17		
CMS-SD-4216-2023-01	0.01	0.01		1			2	N	0.79		
CMS-SD-4213-0825-01	0.01	0.01		1			2	N	9.57		
CMS-SD-4213-0508-01	0.01	0.01		1			2	N	14.08		
CMS-SD-4213-0005-01	0.01	0.01		1			2	N	9.33		
CMS-SD-4212-0725-01	0.01	0.01		1			2	N	8.95		
CMS-SD-4212-0007-01	0.01	0.01		1			2	N	12.35		
CMS-SD-4212-0007-01 DUP	0.01	0.01		1			2	DUP	11.53		
CC02	0.01	0.01		1			2	SRM	3.28		
CB02	0.01	0.01		1			2	MB	0.01	U	
CMS-SD-4216-2332-01	0.01	0.01		1			2	N	0.24		
CMS-SD-4211-0510-01	0.01	0.01		1			2	N	6.76		

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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
CMS-SD-4211-0005-01	TOC	Total Organic Carbon	CMS-SD-4211-0005-01		10.85		Percent			AMS	18500	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4211-1014-01	TOC	Total Organic Carbon	CMS-SD-4211-1014-01		2.53		Percent			AMS	18501	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4211-1421-01	TOC	Total Organic Carbon	CMS-SD-4211-1421-01		1.27		Percent			AMS	18502	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4211-2125-01	TOC	Total Organic Carbon	CMS-SD-4211-2125-01		0.49		Percent			AMS	18503	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4209-0510-01	TOC	Total Organic Carbon	CMS-SD-4209-0510-01		21.54		Percent			AMS	18504	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4209-2836-01	TOC	Total Organic Carbon	CMS-SD-4209-2836-01		4.16		Percent			AMS	18505	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4209-1523-01	TOC	Total Organic Carbon	CMS-SD-4209-1523-01		9.22		Percent			AMS	18506	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4221-0006-01	TOC	Total Organic Carbon	CMS-SD-4221-0006-01		12.31		Percent			AMS	18507	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4214-0511-01	TOC	Total Organic Carbon	CMS-SD-4214-0511-01		12.02		Percent			AMS	18508	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4221-0626-01	TOC	Total Organic Carbon	CMS-SD-4221-0626-01		7.95		Percent			AMS	18509	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4214-0005-01	TOC	Total Organic Carbon	CMS-SD-4214-0005-01		0.88		Percent			AMS	18510	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4214-1122-01	TOC	Total Organic Carbon	CMS-SD-4214-1122-01		7.46		Percent			AMS	18511	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4217-2034-01	TOC	Total Organic Carbon	CMS-SD-4217-2034-01		3.09		Percent			AMS	18512	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4207-0005-01	TOC	Total Organic Carbon	CMS-SD-4207-0005-01		3.78		Percent			AMS	18519	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4206-0005-01	TOC	Total Organic Carbon	CMS-SD-4206-0005-01		13.12		Percent			AMS	18523	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4206-0510-01	TOC	Total Organic Carbon	CMS-SD-4206-0510-01		13.29		Percent			AMS	18524	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4206-1015-01	TOC	Total Organic Carbon	CMS-SD-4206-1015-01		13.30		Percent			AMS	18525	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4208-0007-01	TOC	Total Organic Carbon	CMS-SD-4208-0007-01		1.37		Percent			AMS	18532	30-May-03	30-May-03	3-Jun-03	EPA 9060
CMS-SD-4208-0007-01 DUP	TOC	Total Organic Carbon	CMS-SD-4208-0007-01		1.43		Percent			AMS	18532-2	30-May-03	30-May-03	3-Jun-03	EPA 9060
CC03	TOC	Total Organic Carbon	CC03		3.08		PCT_DIFF			AMS	CC03			3-Jun-03	EPA 9060
CB03	TOC	Total Organic Carbon	CB03		0.01	U	Percent			AMS	CB03			3-Jun-03	EPA 9060
CMS-SD-4222-0007-01	TOC	Total Organic Carbon	CMS-SD-4222-0007-01		8.15		Percent			AMS	18464	30-May-03	30-May-03	5-Jun-03	EPA 9060
CMS-SD 4222-1025-01	TOC	Total Organic Carbon	CMS-SD-4222-1025-01		8.65		Percent			AMS	18467	30-May-03	30-May-03	5-Jun-03	EPA 9060
CMS-SD-4222-0710-01	TOC	Total Organic Carbon	CMS-SD-4222-0710-01		11.23		Percent			AMS	18468	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4209-0008-01	TOC	Total Organic Carbon	LPX-SD-4209-0008-01		9.53		Percent			AMS	18475	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4209-0812-01	TOC	Total Organic Carbon	LPX-SD-4209-0812-01		1.25		Percent			AMS	18476	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4203-3537-01	TOC	Total Organic Carbon	LPX-SD-4203-3537-01		15.21		Percent			AMS	18477	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4201-3136-01	TOC	Total Organic Carbon	LPX-SD-4201-3136-01		21.02		Percent			AMS	18486	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4204-3438-01	TOC	Total Organic Carbon	LPX-SD-4204-3438-01		0.33		Percent			AMS	18487	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4204-0018-01	TOC	Total Organic Carbon	LPX-SD-4204-0018-01		7.94		Percent			AMS	18488	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4204-1824-01	TOC	Total Organic Carbon	LPX-SD-4204-1824-01		5.98		Percent			AMS	18489	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4204-2427-01	TOC	Total Organic Carbon	LPX-SD-4204-2427-01		1.16		Percent			AMS	18490	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4206-1118-01	TOC	Total Organic Carbon	LPX-SD-4206-1118-01		10.02		Percent			AMS	18491	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4205-0015-01	TOC	Total Organic Carbon	LPX-SD-4205-0015-01		12.17		Percent			AMS	18492	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4205-1523-01	TOC	Total Organic Carbon	LPX-SD-4205-1523-01		7.02		Percent			AMS	18493	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4205-2333-01	TOC	Total Organic Carbon	LPX-SD-4205-2333-01		10.39		Percent			AMS	18494	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4210-1523-01	TOC	Total Organic Carbon	LPX-SD-4210-1523-01		12.11		Percent			AMS	18495	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4210-2328-01	TOC	Total Organic Carbon	LPX-SD-4210-2328-01		8.89		Percent			AMS	18496	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4210-0015-01	TOC	Total Organic Carbon	LPX-SD-4210-0015-01		9.73		Percent			AMS	18497	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4206-0009-01	TOC	Total Organic Carbon	LPX-SD-4206-0009-01		9.18		Percent			AMS	18498	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4208-1125-01	TOC	Total Organic Carbon	LPX-SD-4208-1125-01		10.00		Percent			AMS	18513	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4208-1125-01 DUP	TOC	Total Organic Carbon	LPX-SD-4208-1125-01		10.54		Percent			AMS	18513-2	30-May-03	30-May-03	5-Jun-03	EPA 9060
CC01-2	TOC	Total Organic Carbon	CC01		0.21		PCT_DIFF			AMS	CC01-2			5-Jun-03	EPA 9060
CB01-2	TOC	Total Organic Carbon	CB01		0.01	U	Percent			AMS	CB01-2			5-Jun-03	EPA 9060
CMS-SD-4223-0004-01	TOC	Total Organic Carbon	CMS-SD-4223-0004-01		15.00		Percent			AMS	18514	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4208-0011-01	TOC	Total Organic Carbon	LPX-SD-4208-0011-01		7.89		Percent			AMS	18515	30-May-03	30-May-03	5-Jun-03	EPA 9060
CMS-SD-4223-1011-01	TOC	Total Organic Carbon	CMS-SD-4223-1011-01		10.72		Percent			AMS	18516	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4207-0920-01	TOC	Total Organic Carbon	LPX-SD-4207-0920-01		7.89		Percent			AMS	18517	30-May-03	30-May-03	5-Jun-03	EPA 9060

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NSAMPLE	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4211-0005-01	0.01	0.01		1			2	N	10.85		
CMS-SD-4211-1014-01	0.01	0.01		1			2	N	2.53		
CMS-SD-4211-1421-01	0.01	0.01		1			2	N	1.27		
CMS-SD-4211-2125-01	0.01	0.01		1			2	N	0.49		
CMS-SD-4209-0510-01	0.01	0.01		1			2	N	21.54		
CMS-SD-4209-2836-01	0.01	0.01		1			2	N	4.16		
CMS-SD-4209-1523-01	0.01	0.01		1			2	N	9.22		
CMS-SD-4221-0006-01	0.01	0.01		1			2	N	12.31		
CMS-SD-4214-0511-01	0.01	0.01		1			2	N	12.02		
CMS-SD-4221-0626-01	0.01	0.01		1			2	N	7.95		
CMS-SD-4214-0005-01	0.01	0.01		1			2	N	0.88		
CMS-SD-4214-1122-01	0.01	0.01		1			2	N	7.46		
CMS-SD-4217-2034-01	0.01	0.01		1			2	N	3.09		
CMS-SD-4207-0005-01	0.01	0.01		1			2	N	3.78		
CMS-SD-4206-0005-01	0.01	0.01		1			2	N	13.12		
CMS-SD-4206-0510-01	0.01	0.01		1			2	N	13.29		
CMS-SD-4206-1015-01	0.01	0.01		1			2	N	13.30		
CMS-SD-4208-0007-01	0.01	0.01		1			2	N	1.37		
CMS-SD-4208-0007-01 DUP	0.01	0.01		1			2	DUP	1.43		
CC03	0.01	0.01		1			2	SRM	3.08		
CB03	0.01	0.01		1			2	MB	0.01	U	
CMS-SD-4222-0007-01	0.01	0.01		1			2	N	8.15		
CMS-SD-4222-1025-01	0.01	0.01		1			2	N	8.65		
CMS-SD-4222-0710-01	0.01	0.01		1			2	N	11.23		
LPX-SD-4209-0008-01	0.01	0.01		1			2	N	9.53		
LPX-SD-4209-0812-01	0.01	0.01		1			2	N	1.25		
LPX-SD-4203-3537-01	0.01	0.01		1			2	N	15.21		
LPX-SD-4201-3136-01	0.01	0.01		1			2	N	21.02		
LPX-SD-4204-3438-01	0.01	0.01		1			2	N	0.33		
LPX-SD-4204-0018-01	0.01	0.01		1			2	N	7.94		
LPX-SD-4204-1824-01	0.01	0.01		1			2	N	5.98		
LPX-SD-4204-2427-01	0.01	0.01		1			2	N	1.16		
LPX-SD-4206-1118-01	0.01	0.01		1			2	N	10.02		
LPX-SD-4205-0015-01	0.01	0.01		1			2	N	12.17		
LPX-SD-4205-1523-01	0.01	0.01		1			2	N	7.02		
LPX-SD-4205-2333-01	0.01	0.01		1			2	N	10.39		
LPX-SD-4210-1523-01	0.01	0.01		1			2	N	12.11		
LPX-SD-4210-2328-01	0.01	0.01		1			2	N	8.89		
LPX-SD-4210-0015-01	0.01	0.01		1			2	N	9.73		
LPX-SD-4206-0009-01	0.01	0.01		1			2	N	9.18		
LPX-SD-4208-1125-01	0.01	0.01		1			2	N	10.00		
LPX-SD-4208-1125-01 DUP	0.01	0.01		1			2	DUP	10.54		
CC01-2	0.01	0.01		1			2	SRM	0.21		
CB01-2	0.01	0.01		1			2	MB	0.01	U	
CMS-SD-4223-0004-01	0.01	0.01		1			2	N	15.00		
LPX-SD-4208-0011-01	0.01	0.01		1			2	N	7.89		
CMS-SD-4223-1011-01	0.01	0.01		1			2	N	10.72		
LPX-SD-4207-0920-01	0.01	0.01		1			2	N	7.89		

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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-4207-0009-01	TOC	Total Organic Carbon	LPX-SD-4207-0009-01		8.96		Percent			AMS	18518	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4202-0005-01	TOC	Total Organic Carbon	LPX-SD-4202-0005-01		0.18		Percent			AMS	18520	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4202-3637-01	TOC	Total Organic Carbon	LPX-SD-4202-3637-01		2.93		Percent			AMS	18521	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4202-4042-01	TOC	Total Organic Carbon	LPX-SD-4202-4042-01		15.33		Percent			AMS	18522	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4201-3942-01	TOC	Total Organic Carbon	LPX-SD-4201-3942-01		26.99		Percent			AMS	18526	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4201-0010-01	TOC	Total Organic Carbon	LPX-SD-4201-0010-01		8.76		Percent			AMS	18527	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4203-0012-01	TOC	Total Organic Carbon	LPX-SD-4203-0012-01		9.17		Percent			AMS	18528	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4203-1225-01	TOC	Total Organic Carbon	LPX-SD-4203-1225-01		5.27		Percent			AMS	18529	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4203-3135-01	TOC	Total Organic Carbon	LPX-SD-4203-3135-01		0.54		Percent			AMS	18530	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4201-1031-01	TOC	Total Organic Carbon	LPX-SD-4201-1031-01		23.23		Percent			AMS	18531	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4209-1226-01	TOC	Total Organic Carbon	LPX-SD-4209-1226-01		8.68		Percent			AMS	18533	30-May-03	30-May-03	5-Jun-03	EPA 9060
LPX-SD-4209-1226-01 DUP	TOC	Total Organic Carbon	LPX-SD-4209-1226-01		9.40		Percent			AMS	18533-2	30-May-03	30-May-03	5-Jun-03	EPA 9060
CC02-2	TOC	Total Organic Carbon	CC02		0.21		PCT_DIFF			AMS	CC02-2			5-Jun-03	EPA 9060
CB02-2	TOC	Total Organic Carbon	CB02		0.01	U	Percent			AMS	CB02-2			5-Jun-03	EPA 9060

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NSAMPLE	MDL	IDL	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4207-0009-01	0.01	0.01		1			2	N	8.96		
LPX-SD-4202-0005-01	0.01	0.01		1			2	N	0.18		
LPX-SD-4202-3637-01	0.01	0.01		1			2	N	2.93		
LPX-SD-4202-4042-01	0.01	0.01		1			2	N	15.33		
LPX-SD-4201-3942-01	0.01	0.01		1			2	N	26.99		
LPX-SD-4201-0010-01	0.01	0.01		1			2	N	8.76		
LPX-SD-4203-0012-01	0.01	0.01		1			2	N	9.17		
LPX-SD-4203-1225-01	0.01	0.01		1			2	N	5.27		
LPX-SD-4203-3135-01	0.01	0.01		1			2	N	0.54		
LPX-SD-4201-1031-01	0.01	0.01		1			2	N	23.23		
LPX-SD-4209-1226-01	0.01	0.01		1			2	N	8.68		
LPX-SD-4209-1226-01 DUP	0.01	0.01		1			2	DUP	9.40		
CC02-2	0.01	0.01		1			2	SRM			
CB02-2	0.01	0.01		1			2	MB			

SECTION 4

Section 4
Geotechnical Results

QA/QC Narrative
Sediment and QC Results

US EPA ARCHIVE DOCUMENT

QA/QC Narrative

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: Centredale sediment samples were collected by USEPA/ERT during May 6 through May 9, 2003. Samples were transported to EPA's laboratory in Narragansett, Rhode Island for core processing. Core processing was conducted by USACE/ERDC and sub-samples were taken for chemical and physical testing. All samples for TOC testing were stored refrigerated at the Narragansett laboratory, and transported to Battelle on May 12, 2003. Samples arrived at Battelle in good condition and were logged into the laboratory's tracking system.

Sediment samples were shipped to AMS on May 29, 2003 for TOC testing. At the completion of TOC testing, samples were archived refrigerated at AMS until direction was received from USACE regarding which samples required geotechnical testing. In June 2004, samples were identified for geotechnical testing. All samples identified were already in the custody of AMS, except four samples which were shipped from Battelle Duxbury to AMS in June 2004. All samples were received at AMS in good condition.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Instrument Blank	Laboratory Duplicate	SRM % Diff.	Achieved Detection Limit
Water Content	ASTM 2216	N/A	≤50% RPD	N/A	1 %
Specific Gravity	ASTM D854	N/A	≤50% RPD	N/A	0.01
Atterberg Limits	ASTM D4318	N/A	≤50% RPD	N/A	1
Moisture, Ash and Organic Matter	ASTM D2974	N/A	≤50% RPD	N/A	0.01%
Grain Size	ASTM D422	N/A	≤50% RPD	N/A	0.01%

[a] With signal to noise >10:1

METHOD: Sediment samples were prepared and analyzed for 1) water content, 2) specific gravity, 3) Atterberg Limits, 4) moisture, ash and organic matter, and 5) grain size following ASTM methods defined above.

HOLDING TIMES: Samples were analyzed approximately 14-mo after collection.

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

REPLICATES: Two laboratory duplicates were prepared with the study samples for all parameters except grain size; for grain size four laboratory duplicates were prepared. The RPD between laboratory replicate analyses for geotechnical parameters was calculated to measure data quality in terms of precision.

Geotechnical – No exceedances except plasticity index.

Comments – RPD results for plasticity index exceeded the ≤50% RPD criteria, however, replicate values were near the detection limit.

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Sediment and QC Results

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Water Content	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		237		Percent			AMS	18456/18457	30-May-03		21-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Ash	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		8.0		Percent			AMS	18456/18457	30-May-03		8-Jul-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Moisture	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		68.6		Percent			AMS	18456/18457	30-May-03		8-Jul-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Organic Matter	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		23.3		Percent			AMS	18456/18457	30-May-03		8-Jul-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Solids	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		31.3		Percent			AMS	18456/18457	30-May-03		8-Jul-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GS	Clay	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		20.64		Percent			AMS	18456/18457	30-May-03		25-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GS	Coarse Sand	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		0.00		Percent			AMS	18456/18457	30-May-03		25-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GS	Fine Sand	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		8.24		Percent			AMS	18456/18457	30-May-03		25-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GS	Gravel	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		0.00		Percent			AMS	18456/18457	30-May-03		25-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GS	Medium Sand	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		0.75		Percent			AMS	18456/18457	30-May-03		25-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GS	Silt	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		70.37		Percent			AMS	18456/18457	30-May-03		25-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Liquid Limit	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		167					AMS	18456/18457	30-May-03		28-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Plastic Limit	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		106					AMS	18456/18457	30-May-03		28-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Plasticity Index	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		61					AMS	18456/18457	30-May-03		28-Jun-04
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	GEOTECH	Specific Gravity	CMS-SD-4204-0005-01/CMS SD-4204-0510-01		1.57					AMS	18456/18457	30-May-03		6-Jul-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Water Content	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		334		Percent			AMS	18524/18525	30-May-03		21-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Ash	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		5.9		Percent			AMS	18524/18525	30-May-03		8-Jul-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Moisture	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		75.7		Percent			AMS	18524/18525	30-May-03		8-Jul-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Organic Matter	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		18.4		Percent			AMS	18524/18525	30-May-03		8-Jul-04

US EPA ARCHIVE DOCUMENT

NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D2974	0.01			1				N			Third party validation not required

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Solids	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		24.3		Percent			AMS	18524/18525	30-May-03		8-Jul-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GS	Clay	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		50.01		Percent			AMS	18524/18525	30-May-03		25-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GS	Coarse Sand	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		0.00		Percent			AMS	18524/18525	30-May-03		25-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GS	Fine Sand	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		2.40		Percent			AMS	18524/18525	30-May-03		25-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GS	Gravel	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		0.00		Percent			AMS	18524/18525	30-May-03		25-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GS	Medium Sand	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		0.49		Percent			AMS	18524/18525	30-May-03		25-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GS	Silt	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		47.11		Percent			AMS	18524/18525	30-May-03		25-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Liquid Limit	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		174					AMS	18524/18525	30-May-03		29-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Plastic Limit	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		171					AMS	18524/18525	30-May-03		29-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Plasticity Index	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		3					AMS	18524/18525	30-May-03		29-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	GEOTECH	Specific Gravity	CMS-SD-4206-0510-01/CMS SD-4206-1015-01		1.97					AMS	18524/18525	30-May-03		7-Jul-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	GEOTECH	Liquid Limit	CMS-SD-4206-0510-01/CMS SD-4206-1015-01 DUP		172					AMS	18524/18525-2	30-May-03		29-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	GEOTECH	Plastic Limit	CMS-SD-4206-0510-01/CMS SD-4206-1015-01 DUP		171					AMS	18524/18525-2	30-May-03		29-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	GEOTECH	Plasticity Index	CMS-SD-4206-0510-01/CMS SD-4206-1015-01 DUP		1					AMS	18524/18525-2	30-May-03		29-Jun-04
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	GEOTECH	Specific Gravity	CMS-SD-4206-0510-01/CMS SD-4206-1015-01 DUP		2.03					AMS	18524/18525-2	30-May-03		7-Jul-04
CMS-SD-4207-0510-01	GS	Clay	CMS-SD-4207-0510-01		9.50		Percent			AMS	19778	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01	GS	Coarse Sand	CMS-SD-4207-0510-01		7.54		Percent			AMS	19778	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01	GS	Fine Sand	CMS-SD-4207-0510-01		22.78		Percent			AMS	19778	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01	GS	Gravel	CMS-SD-4207-0510-01		4.07		Percent			AMS	19778	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01	GS	Medium Sand	CMS-SD-4207-0510-01		22.72		Percent			AMS	19778	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01	GS	Silt	CMS-SD-4207-0510-01		33.39		Percent			AMS	19778	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01 DUP	GS	Clay	CMS-SD-4207-0510-01 DUP		9.90		Percent			AMS	19778-2	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01 DUP	GS	Coarse Sand	CMS-SD-4207-0510-01 DUP		7.00		Percent			AMS	19778-2	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01 DUP	GS	Fine Sand	CMS-SD-4207-0510-01 DUP		23.18		Percent			AMS	19778-2	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01 DUP	GS	Gravel	CMS-SD-4207-0510-01 DUP		4.07		Percent			AMS	19778-2	23-Jun-04		25-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	ASTM D4318	1			1				DUP			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	ASTM D4318	1			1				DUP			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	ASTM D4318	1			1				DUP			Third party validation not required
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01 DUP	ASTM D854	0.01			1				DUP			Third party validation not required
CMS-SD-4207-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4207-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4207-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4207-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4207-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4207-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4207-0510-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4207-0510-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4207-0510-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4207-0510-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4207-0510-01 DUP	GS	Medium Sand	CMS-SD-4207-0510-01 DUP		22.83		Percent			AMS	19778-2	23-Jun-04		25-Jun-04
CMS-SD-4207-0510-01 DUP	GS	Silt	CMS-SD-4207-0510-01 DUP		33.03		Percent			AMS	19778-2	23-Jun-04		25-Jun-04
CMS-SD-4208-0007-01	GS	Clay	CMS-SD-4208-0007-01		0.18		Percent			AMS	18532	30-May-03		25-Jun-04
CMS-SD-4208-0007-01	GS	Coarse Sand	CMS-SD-4208-0007-01		6.50		Percent			AMS	18532	30-May-03		25-Jun-04
CMS-SD-4208-0007-01	GS	Fine Sand	CMS-SD-4208-0007-01		3.91		Percent			AMS	18532	30-May-03		25-Jun-04
CMS-SD-4208-0007-01	GS	Gravel	CMS-SD-4208-0007-01		79.00		Percent			AMS	18532	30-May-03		25-Jun-04
CMS-SD-4208-0007-01	GS	Medium Sand	CMS-SD-4208-0007-01		9.46		Percent			AMS	18532	30-May-03		25-Jun-04
CMS-SD-4208-0007-01	GS	Silt	CMS-SD-4208-0007-01		0.96		Percent			AMS	18532	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GEOTECH	Water Content	CMS-SD-4209-0005-01		124		Percent			AMS	18452	30-May-03		21-Jun-04
CMS-SD-4209-0005-01	GEOTECH	Ash	CMS-SD-4209-0005-01		6.6		Percent			AMS	18452	30-May-03		8-Jul-04
CMS-SD-4209-0005-01	GEOTECH	Moisture	CMS-SD-4209-0005-01		54.4		Percent			AMS	18452	30-May-03		8-Jul-04
CMS-SD-4209-0005-01	GEOTECH	Organic Matter	CMS-SD-4209-0005-01		39.0		Percent			AMS	18452	30-May-03		8-Jul-04
CMS-SD-4209-0005-01	GEOTECH	Solids	CMS-SD-4209-0005-01		45.6		Percent			AMS	18452	30-May-03		8-Jul-04
CMS-SD-4209-0005-01	GS	Clay	CMS-SD-4209-0005-01		15.01		Percent			AMS	18452	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GS	Coarse Sand	CMS-SD-4209-0005-01		0.00		Percent			AMS	18452	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GS	Fine Sand	CMS-SD-4209-0005-01		25.80		Percent			AMS	18452	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GS	Gravel	CMS-SD-4209-0005-01		0.00		Percent			AMS	18452	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GS	Medium Sand	CMS-SD-4209-0005-01		0.79		Percent			AMS	18452	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GS	Silt	CMS-SD-4209-0005-01		58.40		Percent			AMS	18452	30-May-03		25-Jun-04
CMS-SD-4209-0005-01	GEOTECH	Liquid Limit	CMS-SD-4209-0005-01		59					AMS	18452	30-May-03		28-Jun-04
CMS-SD-4209-0005-01	GEOTECH	Plastic Limit	CMS-SD-4209-0005-01		56					AMS	18452	30-May-03		28-Jun-04
CMS-SD-4209-0005-01	GEOTECH	Plasticity Index	CMS-SD-4209-0005-01		3					AMS	18452	30-May-03		28-Jun-04
CMS-SD-4209-0005-01	GEOTECH	Specific Gravity	CMS-SD-4209-0005-01		2.35					AMS	18452	30-May-03		6-Jul-04
CMS-SD-4209-0510-01	GEOTECH	Water Content	CMS-SD-4209-0510-01		98		Percent			AMS	18504	30-May-03		21-Jun-04
CMS-SD-4209-0510-01	GEOTECH	Ash	CMS-SD-4209-0510-01		5.6		Percent			AMS	18504	30-May-03		8-Jul-04
CMS-SD-4209-0510-01	GEOTECH	Moisture	CMS-SD-4209-0510-01		42.8		Percent			AMS	18504	30-May-03		8-Jul-04
CMS-SD-4209-0510-01	GEOTECH	Organic Matter	CMS-SD-4209-0510-01		51.6		Percent			AMS	18504	30-May-03		8-Jul-04
CMS-SD-4209-0510-01	GEOTECH	Solids	CMS-SD-4209-0510-01		57.2		Percent			AMS	18504	30-May-03		8-Jul-04
CMS-SD-4209-0510-01	GS	Clay	CMS-SD-4209-0510-01		11.90		Percent			AMS	18504	30-May-03		25-Jun-04
CMS-SD-4209-0510-01	GS	Coarse Sand	CMS-SD-4209-0510-01		0.00		Percent			AMS	18504	30-May-03		25-Jun-04
CMS-SD-4209-0510-01	GS	Fine Sand	CMS-SD-4209-0510-01		50.07		Percent			AMS	18504	30-May-03		25-Jun-04
CMS-SD-4209-0510-01	GS	Gravel	CMS-SD-4209-0510-01		0.00		Percent			AMS	18504	30-May-03		25-Jun-04
CMS-SD-4209-0510-01	GS	Medium Sand	CMS-SD-4209-0510-01		2.26		Percent			AMS	18504	30-May-03		25-Jun-04
CMS-SD-4209-0510-01	GS	Silt	CMS-SD-4209-0510-01		35.77		Percent			AMS	18504	30-May-03		25-Jun-04
CMS-SD-4209-0510-01	GEOTECH	Liquid Limit	CMS-SD-4209-0510-01		64					AMS	18504	30-May-03		29-Jun-04
CMS-SD-4209-0510-01	GEOTECH	Plastic Limit	CMS-SD-4209-0510-01		61					AMS	18504	30-May-03		29-Jun-04
CMS-SD-4209-0510-01	GEOTECH	Plasticity Index	CMS-SD-4209-0510-01		3					AMS	18504	30-May-03		29-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4207-0510-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4207-0510-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4208-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4208-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4208-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4208-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4208-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4208-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4209-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4209-0005-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4209-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4209-0510-01	ASTM D4318	1			1				N			Third party validation not required

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4209-0510-01	GEOTECH	Specific Gravity	CMS-SD-4209-0510-01		2.09					AMS	18504	30-May-03		7-Jul-04
CMS-SD-4210-0005-01	GEOTECH	Water Content	CMS-SD-4210-0005-01		139		Percent			AMS	18450	30-May-03		21-Jun-04
CMS-SD-4210-0005-01	GEOTECH	Ash	CMS-SD-4210-0005-01		4.6		Percent			AMS	18450	30-May-03		8-Jul-04
CMS-SD-4210-0005-01	GEOTECH	Moisture	CMS-SD-4210-0005-01		38.8		Percent			AMS	18450	30-May-03		8-Jul-04
CMS-SD-4210-0005-01	GEOTECH	Organic Matter	CMS-SD-4210-0005-01		56.6		Percent			AMS	18450	30-May-03		8-Jul-04
CMS-SD-4210-0005-01	GEOTECH	Solids	CMS-SD-4210-0005-01		61.2		Percent			AMS	18450	30-May-03		8-Jul-04
CMS-SD-4210-0005-01	GS	Clay	CMS-SD-4210-0005-01		12.68		Percent			AMS	18450	30-May-03		25-Jun-04
CMS-SD-4210-0005-01	GS	Coarse Sand	CMS-SD-4210-0005-01		0.00		Percent			AMS	18450	30-May-03		25-Jun-04
CMS-SD-4210-0005-01	GS	Fine Sand	CMS-SD-4210-0005-01		17.76		Percent			AMS	18450	30-May-03		25-Jun-04
CMS-SD-4210-0005-01	GS	Gravel	CMS-SD-4210-0005-01		0.00		Percent			AMS	18450	30-May-03		25-Jun-04
CMS-SD-4210-0005-01	GS	Medium Sand	CMS-SD-4210-0005-01		5.07		Percent			AMS	18450	30-May-03		25-Jun-04
CMS-SD-4210-0005-01	GS	Silt	CMS-SD-4210-0005-01		64.49		Percent			AMS	18450	30-May-03		25-Jun-04
CMS-SD-4210-0005-01	GEOTECH	Liquid Limit	CMS-SD-4210-0005-01		89					AMS	18450	30-May-03		28-Jun-04
CMS-SD-4210-0005-01	GEOTECH	Plastic Limit	CMS-SD-4210-0005-01		73					AMS	18450	30-May-03		28-Jun-04
CMS-SD-4210-0005-01	GEOTECH	Plasticity Index	CMS-SD-4210-0005-01		16					AMS	18450	30-May-03		28-Jun-04
CMS-SD-4210-0005-01	GEOTECH	Specific Gravity	CMS-SD-4210-0005-01		1.57					AMS	18450	30-May-03		6-Jul-04
CMS-SD-4210-1518-01	GEOTECH	Water Content	CMS-SD-4210-1518-01		76		Percent			AMS	18447	30-May-03		21-Jun-04
CMS-SD-4210-1518-01	GEOTECH	Liquid Limit	CMS-SD-4210-1518-01		45					AMS	18447	30-May-03		28-Jun-04
CMS-SD-4210-1518-01	GEOTECH	Plastic Limit	CMS-SD-4210-1518-01		43					AMS	18447	30-May-03		28-Jun-04
CMS-SD-4210-1518-01	GEOTECH	Plasticity Index	CMS-SD-4210-1518-01		2					AMS	18447	30-May-03		28-Jun-04
CMS-SD-4211-0005-01	GEOTECH	Water Content	CMS-SD-4211-0005-01		251		Percent			AMS	18500	30-May-03		21-Jun-04
CMS-SD-4211-0005-01	GEOTECH	Ash	CMS-SD-4211-0005-01		6.3		Percent			AMS	18500	30-May-03		8-Jul-04
CMS-SD-4211-0005-01	GEOTECH	Moisture	CMS-SD-4211-0005-01		65.7		Percent			AMS	18500	30-May-03		8-Jul-04
CMS-SD-4211-0005-01	GEOTECH	Organic Matter	CMS-SD-4211-0005-01		28.0		Percent			AMS	18500	30-May-03		8-Jul-04
CMS-SD-4211-0005-01	GEOTECH	Solids	CMS-SD-4211-0005-01		34.3		Percent			AMS	18500	30-May-03		8-Jul-04
CMS-SD-4211-0005-01	GS	Clay	CMS-SD-4211-0005-01		37.84		Percent			AMS	18500	30-May-03		25-Jun-04
CMS-SD-4211-0005-01	GS	Coarse Sand	CMS-SD-4211-0005-01		0.00		Percent			AMS	18500	30-May-03		25-Jun-04
CMS-SD-4211-0005-01	GS	Fine Sand	CMS-SD-4211-0005-01		1.97		Percent			AMS	18500	30-May-03		25-Jun-04
CMS-SD-4211-0005-01	GS	Gravel	CMS-SD-4211-0005-01		0.00		Percent			AMS	18500	30-May-03		25-Jun-04
CMS-SD-4211-0005-01	GS	Medium Sand	CMS-SD-4211-0005-01		1.12		Percent			AMS	18500	30-May-03		25-Jun-04
CMS-SD-4211-0005-01	GS	Silt	CMS-SD-4211-0005-01		59.07		Percent			AMS	18500	30-May-03		25-Jun-04
CMS-SD-4211-0005-01	GEOTECH	Liquid Limit	CMS-SD-4211-0005-01		109					AMS	18500	30-May-03		29-Jun-04
CMS-SD-4211-0005-01	GEOTECH	Plastic Limit	CMS-SD-4211-0005-01		103					AMS	18500	30-May-03		29-Jun-04
CMS-SD-4211-0005-01	GEOTECH	Plasticity Index	CMS-SD-4211-0005-01		6					AMS	18500	30-May-03		29-Jun-04
CMS-SD-4211-0005-01	GEOTECH	Specific Gravity	CMS-SD-4211-0005-01		1.97					AMS	18500	30-May-03		7-Jul-04
CMS-SD-4211-2534-01	GS	Clay	CMS-SD-4211-2534-01		1.74		Percent			AMS	19789	29-Jun-04		1-Jul-04
CMS-SD-4211-2534-01	GS	Coarse Sand	CMS-SD-4211-2534-01		15.93		Percent			AMS	19789	29-Jun-04		1-Jul-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4209-0510-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4210-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4210-0005-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4210-1518-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4210-1518-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4210-1518-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4210-1518-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4211-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4211-0005-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4211-2534-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-2534-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4211-2534-01	GS	Fine Sand	CMS-SD-4211-2534-01		26.92		Percent			AMS	19789	29-Jun-04		1-Jul-04
CMS-SD-4211-2534-01	GS	Gravel	CMS-SD-4211-2534-01		16.27		Percent			AMS	19789	29-Jun-04		1-Jul-04
CMS-SD-4211-2534-01	GS	Medium Sand	CMS-SD-4211-2534-01		34.75		Percent			AMS	19789	29-Jun-04		1-Jul-04
CMS-SD-4211-2534-01	GS	Silt	CMS-SD-4211-2534-01		4.40		Percent			AMS	19789	29-Jun-04		1-Jul-04
CMS-SD-4212-0007-01	GEOTECH	Water Content	CMS-SD-4212-0007-01		336		Percent			AMS	18484	30-May-03		21-Jun-04
CMS-SD-4212-0007-01	GEOTECH	Ash	CMS-SD-4212-0007-01		6.3		Percent			AMS	18484	30-May-03		8-Jul-04
CMS-SD-4212-0007-01	GEOTECH	Moisture	CMS-SD-4212-0007-01		69.3		Percent			AMS	18484	30-May-03		8-Jul-04
CMS-SD-4212-0007-01	GEOTECH	Organic Matter	CMS-SD-4212-0007-01		24.4		Percent			AMS	18484	30-May-03		8-Jul-04
CMS-SD-4212-0007-01	GEOTECH	Solids	CMS-SD-4212-0007-01		30.7		Percent			AMS	18484	30-May-03		8-Jul-04
CMS-SD-4212-0007-01	GS	Clay	CMS-SD-4212-0007-01		25.98		Percent			AMS	18484	30-May-03		25-Jun-04
CMS-SD-4212-0007-01	GS	Coarse Sand	CMS-SD-4212-0007-01		0.00		Percent			AMS	18484	30-May-03		25-Jun-04
CMS-SD-4212-0007-01	GS	Fine Sand	CMS-SD-4212-0007-01		2.16		Percent			AMS	18484	30-May-03		25-Jun-04
CMS-SD-4212-0007-01	GS	Gravel	CMS-SD-4212-0007-01		0.00		Percent			AMS	18484	30-May-03		25-Jun-04
CMS-SD-4212-0007-01	GS	Medium Sand	CMS-SD-4212-0007-01		0.03		Percent			AMS	18484	30-May-03		25-Jun-04
CMS-SD-4212-0007-01	GS	Silt	CMS-SD-4212-0007-01		71.83		Percent			AMS	18484	30-May-03		25-Jun-04
CMS-SD-4212-0007-01	GEOTECH	Liquid Limit	CMS-SD-4212-0007-01		147					AMS	18484	30-May-03		29-Jun-04
CMS-SD-4212-0007-01	GEOTECH	Plastic Limit	CMS-SD-4212-0007-01		120					AMS	18484	30-May-03		29-Jun-04
CMS-SD-4212-0007-01	GEOTECH	Plasticity Index	CMS-SD-4212-0007-01		27					AMS	18484	30-May-03		29-Jun-04
CMS-SD-4212-0007-01	GEOTECH	Specific Gravity	CMS-SD-4212-0007-01		2.36					AMS	18484	30-May-03		7-Jul-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Water Content	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		236		Percent			AMS	18481/18482	30-May-03		21-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Ash	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		6.6		Percent			AMS	18481/18482	30-May-03		8-Jul-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Moisture	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		68.9		Percent			AMS	18481/18482	30-May-03		8-Jul-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Organic Matter	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		24.5		Percent			AMS	18481/18482	30-May-03		8-Jul-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Solids	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		31.1		Percent			AMS	18481/18482	30-May-03		8-Jul-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GS	Clay	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		24.42		Percent			AMS	18481/18482	30-May-03		25-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GS	Coarse Sand	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		0.00		Percent			AMS	18481/18482	30-May-03		25-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GS	Fine Sand	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		5.08		Percent			AMS	18481/18482	30-May-03		25-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GS	Gravel	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		0.00		Percent			AMS	18481/18482	30-May-03		25-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4211-2534-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-2534-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-2534-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4211-2534-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4212-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4212-0007-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GS	Medium Sand	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		0.08		Percent			AMS	18481/18482	30-May-03		25-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GS	Silt	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		70.43		Percent			AMS	18481/18482	30-May-03		25-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Liquid Limit	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		81					AMS	18481/18482	30-May-03		29-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Plastic Limit	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		79					AMS	18481/18482	30-May-03		29-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Plasticity Index	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		2					AMS	18481/18482	30-May-03		29-Jun-04
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	GEOTECH	Specific Gravity	CMS-SD-4213-0005-01/CMS-SD-4213-0508-01		2.04					AMS	18481/18482	30-May-03		7-Jul-04
CMS-SD-4213-0825-01	GEOTECH	Ash	CMS-SD-4213-0825-01		5.8		Percent			AMS	18480	30-May-03		8-Jul-04
CMS-SD-4213-0825-01	GEOTECH	Moisture	CMS-SD-4213-0825-01		66.1		Percent			AMS	18480	30-May-03		8-Jul-04
CMS-SD-4213-0825-01	GEOTECH	Organic Matter	CMS-SD-4213-0825-01		28.1		Percent			AMS	18480	30-May-03		8-Jul-04
CMS-SD-4213-0825-01	GEOTECH	Solids	CMS-SD-4213-0825-01		33.9		Percent			AMS	18480	30-May-03		8-Jul-04
CMS-SD-4213-0825-01	GS	Clay	CMS-SD-4213-0825-01		25.62		Percent			AMS	18480	30-May-03		25-Jun-04
CMS-SD-4213-0825-01	GS	Coarse Sand	CMS-SD-4213-0825-01		0.00		Percent			AMS	18480	30-May-03		25-Jun-04
CMS-SD-4213-0825-01	GS	Fine Sand	CMS-SD-4213-0825-01		10.39		Percent			AMS	18480	30-May-03		25-Jun-04
CMS-SD-4213-0825-01	GS	Gravel	CMS-SD-4213-0825-01		0.00		Percent			AMS	18480	30-May-03		25-Jun-04
CMS-SD-4213-0825-01	GS	Medium Sand	CMS-SD-4213-0825-01		0.29		Percent			AMS	18480	30-May-03		25-Jun-04
CMS-SD-4213-0825-01	GS	Silt	CMS-SD-4213-0825-01		63.70		Percent			AMS	18480	30-May-03		25-Jun-04
CMS-SD-4213-0825-01	GEOTECH	Liquid Limit	CMS-SD-4213-0825-01		103					AMS	18480	30-May-03		29-Jun-04
CMS-SD-4213-0825-01	GEOTECH	Plastic Limit	CMS-SD-4213-0825-01		91					AMS	18480	30-May-03		29-Jun-04
CMS-SD-4213-0825-01	GEOTECH	Plasticity Index	CMS-SD-4213-0825-01		12					AMS	18480	30-May-03		29-Jun-04
CMS-SD-4214-0005-01	GS	Clay	CMS-SD-4214-0005-01		2.29		Percent			AMS	18510	30-May-03		25-Jun-04
CMS-SD-4214-0005-01	GS	Coarse Sand	CMS-SD-4214-0005-01		14.86		Percent			AMS	18510	30-May-03		25-Jun-04
CMS-SD-4214-0005-01	GS	Fine Sand	CMS-SD-4214-0005-01		19.43		Percent			AMS	18510	30-May-03		25-Jun-04
CMS-SD-4214-0005-01	GS	Gravel	CMS-SD-4214-0005-01		3.24		Percent			AMS	18510	30-May-03		25-Jun-04
CMS-SD-4214-0005-01	GS	Medium Sand	CMS-SD-4214-0005-01		59.82		Percent			AMS	18510	30-May-03		25-Jun-04
CMS-SD-4214-0005-01	GS	Silt	CMS-SD-4214-0005-01		0.37		Percent			AMS	18510	30-May-03		25-Jun-04
CMS-SD-4214-0511-01	GEOTECH	Water Content	CMS-SD-4214-0511-01		168		Percent			AMS	18508	30-May-03		21-Jun-04
CMS-SD-4214-0511-01	GEOTECH	Ash	CMS-SD-4214-0511-01		7.0		Percent			AMS	18508	30-May-03		8-Jul-04
CMS-SD-4214-0511-01	GEOTECH	Moisture	CMS-SD-4214-0511-01		60.5		Percent			AMS	18508	30-May-03		8-Jul-04
CMS-SD-4214-0511-01	GEOTECH	Organic Matter	CMS-SD-4214-0511-01		32.5		Percent			AMS	18508	30-May-03		8-Jul-04
CMS-SD-4214-0511-01	GEOTECH	Solids	CMS-SD-4214-0511-01		39.5		Percent			AMS	18508	30-May-03		8-Jul-04
CMS-SD-4214-0511-01	GEOTECH	Liquid Limit	CMS-SD-4214-0511-01		155					AMS	18508	30-May-03		29-Jun-04
CMS-SD-4214-0511-01	GEOTECH	Plastic Limit	CMS-SD-4214-0511-01		113					AMS	18508	30-May-03		29-Jun-04

US EPA ARCHIVE DOCUMENT

NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4213-0005-01/CMS-SD-4213-0508-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4213-0825-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4213-0825-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4214-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4214-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4214-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4214-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4214-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4214-0005-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4214-0511-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D4318	1			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4214-0511-01	GEOTECH	Plasticity Index	CMS-SD-4214-0511-01		42					AMS	18508	30-May-03		29-Jun-04
CMS-SD-4214-0511-01	GEOTECH	Specific Gravity	CMS-SD-4214-0511-01		1.62					AMS	18508	30-May-03		7-Jul-04
CMS-SD-4215-0012-01	GEOTECH	Water Content	CMS-SD-4215-0012-01		141		Percent			AMS	18471	30-May-03		21-Jun-04
CMS-SD-4215-0012-01	GEOTECH	Ash	CMS-SD-4215-0012-01		5.2		Percent			AMS	18471	30-May-03		8-Jul-04
CMS-SD-4215-0012-01	GEOTECH	Moisture	CMS-SD-4215-0012-01		60.1		Percent			AMS	18471	30-May-03		8-Jul-04
CMS-SD-4215-0012-01	GEOTECH	Organic Matter	CMS-SD-4215-0012-01		34.8		Percent			AMS	18471	30-May-03		8-Jul-04
CMS-SD-4215-0012-01	GEOTECH	Solids	CMS-SD-4215-0012-01		40.0		Percent			AMS	18471	30-May-03		8-Jul-04
CMS-SD-4215-0012-01	GS	Clay	CMS-SD-4215-0012-01		13.27		Percent			AMS	18471	30-May-03		25-Jun-04
CMS-SD-4215-0012-01	GS	Coarse Sand	CMS-SD-4215-0012-01		0.00		Percent			AMS	18471	30-May-03		25-Jun-04
CMS-SD-4215-0012-01	GS	Fine Sand	CMS-SD-4215-0012-01		13.40		Percent			AMS	18471	30-May-03		25-Jun-04
CMS-SD-4215-0012-01	GS	Gravel	CMS-SD-4215-0012-01		0.00		Percent			AMS	18471	30-May-03		25-Jun-04
CMS-SD-4215-0012-01	GS	Medium Sand	CMS-SD-4215-0012-01		0.24		Percent			AMS	18471	30-May-03		25-Jun-04
CMS-SD-4215-0012-01	GS	Silt	CMS-SD-4215-0012-01		73.09		Percent			AMS	18471	30-May-03		25-Jun-04
CMS-SD-4215-0012-01	GEOTECH	Liquid Limit	CMS-SD-4215-0012-01		96					AMS	18471	30-May-03		28-Jun-04
CMS-SD-4215-0012-01	GEOTECH	Plastic Limit	CMS-SD-4215-0012-01		84					AMS	18471	30-May-03		28-Jun-04
CMS-SD-4215-0012-01	GEOTECH	Plasticity Index	CMS-SD-4215-0012-01		12					AMS	18471	30-May-03		28-Jun-04
CMS-SD-4215-0012-01	GEOTECH	Specific Gravity	CMS-SD-4215-0012-01		2.00					AMS	18471	30-May-03		6-Jul-04
CMS-SD-4215-0012-01 DUP	GS	Clay	CMS-SD-4215-0012-01 DUP		14.99		Percent			AMS	18471-2	30-May-03		25-Jun-04
CMS-SD-4215-0012-01 DUP	GS	Coarse Sand	CMS-SD-4215-0012-01 DUP		0.00		Percent			AMS	18471-2	30-May-03		25-Jun-04
CMS-SD-4215-0012-01 DUP	GS	Fine Sand	CMS-SD-4215-0012-01 DUP		13.37		Percent			AMS	18471-2	30-May-03		25-Jun-04
CMS-SD-4215-0012-01 DUP	GS	Gravel	CMS-SD-4215-0012-01 DUP		0.00		Percent			AMS	18471-2	30-May-03		25-Jun-04
CMS-SD-4215-0012-01 DUP	GS	Medium Sand	CMS-SD-4215-0012-01 DUP		0.23		Percent			AMS	18471-2	30-May-03		25-Jun-04
CMS-SD-4215-0012-01 DUP	GS	Silt	CMS-SD-4215-0012-01 DUP		71.41		Percent			AMS	18471-2	30-May-03		25-Jun-04
CMS-SD-4215-0012-01 DUP	GEOTECH	Specific Gravity	CMS-SD-4215-0012-01 DUP		2.18					AMS	18471-2	30-May-03		6-Jul-04
CMS-SD-4216-0020-01	GEOTECH	Water Content	CMS-SD-4216-0020-01		114		Percent			AMS	18478	30-May-03		21-Jun-04
CMS-SD-4216-0020-01	GEOTECH	Ash	CMS-SD-4216-0020-01		6.0		Percent			AMS	18478	30-May-03		8-Jul-04
CMS-SD-4216-0020-01	GEOTECH	Moisture	CMS-SD-4216-0020-01		52.1		Percent			AMS	18478	30-May-03		8-Jul-04
CMS-SD-4216-0020-01	GEOTECH	Organic Matter	CMS-SD-4216-0020-01		41.9		Percent			AMS	18478	30-May-03		8-Jul-04
CMS-SD-4216-0020-01	GEOTECH	Solids	CMS-SD-4216-0020-01		47.9		Percent			AMS	18478	30-May-03		8-Jul-04
CMS-SD-4216-0020-01	GS	Clay	CMS-SD-4216-0020-01		14.04		Percent			AMS	18478	30-May-03		25-Jun-04
CMS-SD-4216-0020-01	GS	Coarse Sand	CMS-SD-4216-0020-01		0.20		Percent			AMS	18478	30-May-03		25-Jun-04
CMS-SD-4216-0020-01	GS	Fine Sand	CMS-SD-4216-0020-01		30.71		Percent			AMS	18478	30-May-03		25-Jun-04
CMS-SD-4216-0020-01	GS	Gravel	CMS-SD-4216-0020-01		0.00		Percent			AMS	18478	30-May-03		25-Jun-04
CMS-SD-4216-0020-01	GS	Medium Sand	CMS-SD-4216-0020-01		1.06		Percent			AMS	18478	30-May-03		25-Jun-04
CMS-SD-4216-0020-01	GS	Silt	CMS-SD-4216-0020-01		53.99		Percent			AMS	18478	30-May-03		25-Jun-04
CMS-SD-4216-0020-01	GEOTECH	Liquid Limit	CMS-SD-4216-0020-01		98					AMS	18478	30-May-03		29-Jun-04
CMS-SD-4216-0020-01	GEOTECH	Plastic Limit	CMS-SD-4216-0020-01		76					AMS	18478	30-May-03		29-Jun-04
CMS-SD-4216-0020-01	GEOTECH	Plasticity Index	CMS-SD-4216-0020-01		22					AMS	18478	30-May-03		29-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4214-0511-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4214-0511-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4215-0012-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4215-0012-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
CMS-SD-4215-0012-01 DUP	ASTM D854	0.01			1				DUP			Third party validation not required
CMS-SD-4216-0020-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4216-0020-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4216-0020-01	ASTM D4318	1			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4216-0020-01	GEOTECH	Specific Gravity	CMS-SD-4216-0020-01		2.37					AMS	18478	30-May-03		7-Jul-04
CMS-SD-4217-0004-01	GEOTECH	Water Content	CMS-SD-4217-0004-01		143		Percent			AMS	18469	30-May-03		21-Jun-04
CMS-SD-4217-0004-01	GEOTECH	Ash	CMS-SD-4217-0004-01		6.6		Percent			AMS	18469	30-May-03		8-Jul-04
CMS-SD-4217-0004-01	GEOTECH	Moisture	CMS-SD-4217-0004-01		53.0		Percent			AMS	18469	30-May-03		8-Jul-04
CMS-SD-4217-0004-01	GEOTECH	Organic Matter	CMS-SD-4217-0004-01		40.4		Percent			AMS	18469	30-May-03		8-Jul-04
CMS-SD-4217-0004-01	GEOTECH	Solids	CMS-SD-4217-0004-01		47.0		Percent			AMS	18469	30-May-03		8-Jul-04
CMS-SD-4217-0004-01	GS	Clay	CMS-SD-4217-0004-01		8.58		Percent			AMS	18469	30-May-03		25-Jun-04
CMS-SD-4217-0004-01	GS	Coarse Sand	CMS-SD-4217-0004-01		0.00		Percent			AMS	18469	30-May-03		25-Jun-04
CMS-SD-4217-0004-01	GS	Fine Sand	CMS-SD-4217-0004-01		52.79		Percent			AMS	18469	30-May-03		25-Jun-04
CMS-SD-4217-0004-01	GS	Gravel	CMS-SD-4217-0004-01		0.00		Percent			AMS	18469	30-May-03		25-Jun-04
CMS-SD-4217-0004-01	GS	Medium Sand	CMS-SD-4217-0004-01		7.86		Percent			AMS	18469	30-May-03		25-Jun-04
CMS-SD-4217-0004-01	GS	Silt	CMS-SD-4217-0004-01		30.77		Percent			AMS	18469	30-May-03		25-Jun-04
CMS-SD-4217-0004-01	GEOTECH	Liquid Limit	CMS-SD-4217-0004-01		82					AMS	18469	30-May-03		28-Jun-04
CMS-SD-4217-0004-01	GEOTECH	Plastic Limit	CMS-SD-4217-0004-01		78					AMS	18469	30-May-03		28-Jun-04
CMS-SD-4217-0004-01	GEOTECH	Plasticity Index	CMS-SD-4217-0004-01		4					AMS	18469	30-May-03		28-Jun-04
CMS-SD-4217-0004-01	GEOTECH	Specific Gravity	CMS-SD-4217-0004-01		2.35					AMS	18469	30-May-03		6-Jul-04
CMS-SD-4217-0409-01	GS	Clay	CMS-SD-4217-0409-01		2.00		Percent			AMS	18465	30-May-03		25-Jun-04
CMS-SD-4217-0409-01	GS	Coarse Sand	CMS-SD-4217-0409-01		5.11		Percent			AMS	18465	30-May-03		25-Jun-04
CMS-SD-4217-0409-01	GS	Fine Sand	CMS-SD-4217-0409-01		33.93		Percent			AMS	18465	30-May-03		25-Jun-04
CMS-SD-4217-0409-01	GS	Gravel	CMS-SD-4217-0409-01		0.97		Percent			AMS	18465	30-May-03		25-Jun-04
CMS-SD-4217-0409-01	GS	Medium Sand	CMS-SD-4217-0409-01		55.12		Percent			AMS	18465	30-May-03		25-Jun-04
CMS-SD-4217-0409-01	GS	Silt	CMS-SD-4217-0409-01		2.87		Percent			AMS	18465	30-May-03		25-Jun-04
CMS-SD-4217-1320-01	GEOTECH	Liquid Limit	CMS-SD-4217-1320-01		163					AMS	18470	30-May-03		28-Jun-04
CMS-SD-4217-1320-01	GEOTECH	Plastic Limit	CMS-SD-4217-1320-01		90					AMS	18470	30-May-03		28-Jun-04
CMS-SD-4217-1320-01	GEOTECH	Plasticity Index	CMS-SD-4217-1320-01		73					AMS	18470	30-May-03		28-Jun-04
CMS-SD-4218-0010-01	GEOTECH	Water Content	CMS-SD-4218-0010-01		188		Percent			AMS	18445	30-May-03		21-Jun-04
CMS-SD-4218-0010-01	GEOTECH	Ash	CMS-SD-4218-0010-01		5.9		Percent			AMS	18445	30-May-03		8-Jul-04
CMS-SD-4218-0010-01	GEOTECH	Moisture	CMS-SD-4218-0010-01		60.7		Percent			AMS	18445	30-May-03		8-Jul-04
CMS-SD-4218-0010-01	GEOTECH	Organic Matter	CMS-SD-4218-0010-01		33.4		Percent			AMS	18445	30-May-03		8-Jul-04
CMS-SD-4218-0010-01	GEOTECH	Solids	CMS-SD-4218-0010-01		39.3		Percent			AMS	18445	30-May-03		8-Jul-04
CMS-SD-4218-0010-01	GS	Clay	CMS-SD-4218-0010-01		25.37		Percent			AMS	18445	30-May-03		25-Jun-04
CMS-SD-4218-0010-01	GS	Coarse Sand	CMS-SD-4218-0010-01		0.00		Percent			AMS	18445	30-May-03		25-Jun-04
CMS-SD-4218-0010-01	GS	Fine Sand	CMS-SD-4218-0010-01		2.00		Percent			AMS	18445	30-May-03		25-Jun-04
CMS-SD-4218-0010-01	GS	Gravel	CMS-SD-4218-0010-01		0.00		Percent			AMS	18445	30-May-03		25-Jun-04
CMS-SD-4218-0010-01	GS	Medium Sand	CMS-SD-4218-0010-01		0.07		Percent			AMS	18445	30-May-03		25-Jun-04
CMS-SD-4218-0010-01	GS	Silt	CMS-SD-4218-0010-01		72.57		Percent			AMS	18445	30-May-03		25-Jun-04
CMS-SD-4218-0010-01	GEOTECH	Liquid Limit	CMS-SD-4218-0010-01		167					AMS	18445	30-May-03		28-Jun-04
CMS-SD-4218-0010-01	GEOTECH	Plastic Limit	CMS-SD-4218-0010-01		101					AMS	18445	30-May-03		28-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4216-0020-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4217-0004-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4217-0004-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4217-0409-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0409-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0409-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0409-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0409-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-0409-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4217-1320-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4217-1320-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4217-1320-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4218-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D422	0.01			1				N			*Third party validation not required*
CMS-SD-4218-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D4318	1			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4218-0010-01	GEOTECH	Plasticity Index	CMS-SD-4218-0010-01		66					AMS	18445	30-May-03		28-Jun-04
CMS-SD-4218-0010-01	GEOTECH	Specific Gravity	CMS-SD-4218-0010-01		2.33					AMS	18445	30-May-03		6-Jul-04
CMS-SD-4219-0010-01	GEOTECH	Water Content	CMS-SD-4219-0010-01		204		Percent			AMS	18474	30-May-03		21-Jun-04
CMS-SD-4219-0010-01	GEOTECH	Ash	CMS-SD-4219-0010-01		7.0		Percent			AMS	18474	30-May-03		8-Jul-04
CMS-SD-4219-0010-01	GEOTECH	Moisture	CMS-SD-4219-0010-01		63.9		Percent			AMS	18474	30-May-03		8-Jul-04
CMS-SD-4219-0010-01	GEOTECH	Organic Matter	CMS-SD-4219-0010-01		29.1		Percent			AMS	18474	30-May-03		8-Jul-04
CMS-SD-4219-0010-01	GEOTECH	Solids	CMS-SD-4219-0010-01		36.1		Percent			AMS	18474	30-May-03		8-Jul-04
CMS-SD-4219-0010-01	GS	Clay	CMS-SD-4219-0010-01		23.60		Percent			AMS	18474	30-May-03		25-Jun-04
CMS-SD-4219-0010-01	GS	Coarse Sand	CMS-SD-4219-0010-01		0.94		Percent			AMS	18474	30-May-03		25-Jun-04
CMS-SD-4219-0010-01	GS	Fine Sand	CMS-SD-4219-0010-01		11.28		Percent			AMS	18474	30-May-03		25-Jun-04
CMS-SD-4219-0010-01	GS	Gravel	CMS-SD-4219-0010-01		0.00		Percent			AMS	18474	30-May-03		25-Jun-04
CMS-SD-4219-0010-01	GS	Medium Sand	CMS-SD-4219-0010-01		1.60		Percent			AMS	18474	30-May-03		25-Jun-04
CMS-SD-4219-0010-01	GS	Silt	CMS-SD-4219-0010-01		62.58		Percent			AMS	18474	30-May-03		25-Jun-04
CMS-SD-4219-0010-01	GEOTECH	Specific Gravity	CMS-SD-4219-0010-01		1.88					AMS	18474	30-May-03		7-Jul-04
CMS-SD-4219-1017-01	GEOTECH	Ash	CMS-SD-4219-1017-01		4.5		Percent			AMS	18473	30-May-03		8-Jul-04
CMS-SD-4219-1017-01	GEOTECH	Moisture	CMS-SD-4219-1017-01		56.7		Percent			AMS	18473	30-May-03		8-Jul-04
CMS-SD-4219-1017-01	GEOTECH	Organic Matter	CMS-SD-4219-1017-01		38.7		Percent			AMS	18473	30-May-03		8-Jul-04
CMS-SD-4219-1017-01	GEOTECH	Solids	CMS-SD-4219-1017-01		43.2		Percent			AMS	18473	30-May-03		8-Jul-04
CMS-SD-4219-1017-01	GEOTECH	Liquid Limit	CMS-SD-4219-1017-01		86					AMS	18473	30-May-03		28-Jun-04
CMS-SD-4219-1017-01	GEOTECH	Plastic Limit	CMS-SD-4219-1017-01		65					AMS	18473	30-May-03		28-Jun-04
CMS-SD-4219-1017-01	GEOTECH	Plasticity Index	CMS-SD-4219-1017-01		21					AMS	18473	30-May-03		28-Jun-04
CMS-SD-4219-1017-01 DUP	GEOTECH	Liquid Limit	CMS-SD-4219-1017-01 DUP		81					AMS	18473-2	30-May-03		28-Jun-04
CMS-SD-4219-1017-01 DUP	GEOTECH	Plastic Limit	CMS-SD-4219-1017-01 DUP		69					AMS	18473-2	30-May-03		28-Jun-04
CMS-SD-4219-1017-01 DUP	GEOTECH	Plasticity Index	CMS-SD-4219-1017-01 DUP		12					AMS	18473-2	30-May-03		28-Jun-04
CMS-SD-4219-1727-01	GS	Clay	CMS-SD-4219-1727-01		8.66		Percent			AMS	18472	30-May-03		25-Jun-04
CMS-SD-4219-1727-01	GS	Coarse Sand	CMS-SD-4219-1727-01		2.20		Percent			AMS	18472	30-May-03		25-Jun-04
CMS-SD-4219-1727-01	GS	Fine Sand	CMS-SD-4219-1727-01		43.31		Percent			AMS	18472	30-May-03		25-Jun-04
CMS-SD-4219-1727-01	GS	Gravel	CMS-SD-4219-1727-01		7.47		Percent			AMS	18472	30-May-03		25-Jun-04
CMS-SD-4219-1727-01	GS	Medium Sand	CMS-SD-4219-1727-01		17.99		Percent			AMS	18472	30-May-03		25-Jun-04
CMS-SD-4219-1727-01	GS	Silt	CMS-SD-4219-1727-01		20.36		Percent			AMS	18472	30-May-03		25-Jun-04
CMS-SD-4220-0006-01	GEOTECH	Water Content	CMS-SD-4220-0006-01		152		Percent			AMS	18455	30-May-03		21-Jun-04
CMS-SD-4220-0006-01	GEOTECH	Ash	CMS-SD-4220-0006-01		9.2		Percent			AMS	18455	30-May-03		8-Jul-04
CMS-SD-4220-0006-01	GEOTECH	Moisture	CMS-SD-4220-0006-01		42.4		Percent			AMS	18455	30-May-03		8-Jul-04
CMS-SD-4220-0006-01	GEOTECH	Organic Matter	CMS-SD-4220-0006-01		48.4		Percent			AMS	18455	30-May-03		8-Jul-04
CMS-SD-4220-0006-01	GEOTECH	Solids	CMS-SD-4220-0006-01		57.6		Percent			AMS	18455	30-May-03		8-Jul-04
CMS-SD-4220-0006-01	GS	Clay	CMS-SD-4220-0006-01		13.09		Percent			AMS	18455	30-May-03		25-Jun-04

US EPA ARCHIVE DOCUMENT

NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4218-0010-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4218-0010-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4219-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-0010-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4219-1017-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4219-1017-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4219-1017-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4219-1017-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4219-1017-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4219-1017-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4219-1017-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4219-1017-01 DUP	ASTM D4318	1			1				DUP			Third party validation not required
CMS-SD-4219-1017-01 DUP	ASTM D4318	1			1				DUP			Third party validation not required
CMS-SD-4219-1017-01 DUP	ASTM D4318	1			1				DUP			Third party validation not required
CMS-SD-4219-1727-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-1727-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-1727-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-1727-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-1727-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4219-1727-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4220-0006-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4220-0006-01	GS	Coarse Sand	CMS-SD-4220-0006-01		0.00		Percent			AMS	18455	30-May-03		25-Jun-04
CMS-SD-4220-0006-01	GS	Fine Sand	CMS-SD-4220-0006-01		37.38		Percent			AMS	18455	30-May-03		25-Jun-04
CMS-SD-4220-0006-01	GS	Gravel	CMS-SD-4220-0006-01		0.00		Percent			AMS	18455	30-May-03		25-Jun-04
CMS-SD-4220-0006-01	GS	Medium Sand	CMS-SD-4220-0006-01		6.39		Percent			AMS	18455	30-May-03		25-Jun-04
CMS-SD-4220-0006-01	GS	Silt	CMS-SD-4220-0006-01		43.14		Percent			AMS	18455	30-May-03		25-Jun-04
CMS-SD-4220-0006-01	GEOTECH	Liquid Limit	CMS-SD-4220-0006-01		53					AMS	18455	30-May-03		28-Jun-04
CMS-SD-4220-0006-01	GEOTECH	Plastic Limit	CMS-SD-4220-0006-01		52					AMS	18455	30-May-03		28-Jun-04
CMS-SD-4220-0006-01	GEOTECH	Plasticity Index	CMS-SD-4220-0006-01		1					AMS	18455	30-May-03		28-Jun-04
CMS-SD-4220-0006-01	GEOTECH	Specific Gravity	CMS-SD-4220-0006-01		2.32					AMS	18455	30-May-03		6-Jul-04
CMS-SD-4221-0626-01	GEOTECH	Water Content	CMS-SD-4221-0626-01		142		Percent			AMS	18509	30-May-03		21-Jun-04
CMS-SD-4221-0626-01	GEOTECH	Ash	CMS-SD-4221-0626-01		6.2		Percent			AMS	18509	30-May-03		8-Jul-04
CMS-SD-4221-0626-01	GEOTECH	Moisture	CMS-SD-4221-0626-01		60.2		Percent			AMS	18509	30-May-03		8-Jul-04
CMS-SD-4221-0626-01	GEOTECH	Organic Matter	CMS-SD-4221-0626-01		33.6		Percent			AMS	18509	30-May-03		8-Jul-04
CMS-SD-4221-0626-01	GEOTECH	Solids	CMS-SD-4221-0626-01		39.8		Percent			AMS	18509	30-May-03		8-Jul-04
CMS-SD-4221-0626-01	GS	Clay	CMS-SD-4221-0626-01		20.90		Percent			AMS	18509	30-May-03		25-Jun-04
CMS-SD-4221-0626-01	GS	Coarse Sand	CMS-SD-4221-0626-01		0.00		Percent			AMS	18509	30-May-03		25-Jun-04
CMS-SD-4221-0626-01	GS	Fine Sand	CMS-SD-4221-0626-01		20.90		Percent			AMS	18509	30-May-03		25-Jun-04
CMS-SD-4221-0626-01	GS	Gravel	CMS-SD-4221-0626-01		0.00		Percent			AMS	18509	30-May-03		25-Jun-04
CMS-SD-4221-0626-01	GS	Medium Sand	CMS-SD-4221-0626-01		1.24		Percent			AMS	18509	30-May-03		25-Jun-04
CMS-SD-4221-0626-01	GS	Silt	CMS-SD-4221-0626-01		56.95		Percent			AMS	18509	30-May-03		25-Jun-04
CMS-SD-4221-0626-01	GEOTECH	Liquid Limit	CMS-SD-4221-0626-01		129					AMS	18509	30-May-03		29-Jun-04
CMS-SD-4221-0626-01	GEOTECH	Plastic Limit	CMS-SD-4221-0626-01		93					AMS	18509	30-May-03		29-Jun-04
CMS-SD-4221-0626-01	GEOTECH	Plasticity Index	CMS-SD-4221-0626-01		36					AMS	18509	30-May-03		29-Jun-04
CMS-SD-4221-0626-01	GEOTECH	Specific Gravity	CMS-SD-4221-0626-01		1.97					AMS	18509	30-May-03		7-Jul-04
CMS-SD-4222-0007-01	GEOTECH	Water Content	CMS-SD-4222-0007-01		212		Percent			AMS	18464	30-May-03		21-Jun-04
CMS-SD-4222-0007-01	GEOTECH	Ash	CMS-SD-4222-0007-01		4.9		Percent			AMS	18464	30-May-03		8-Jul-04
CMS-SD-4222-0007-01	GEOTECH	Moisture	CMS-SD-4222-0007-01		67.4		Percent			AMS	18464	30-May-03		8-Jul-04
CMS-SD-4222-0007-01	GEOTECH	Organic Matter	CMS-SD-4222-0007-01		27.7		Percent			AMS	18464	30-May-03		8-Jul-04
CMS-SD-4222-0007-01	GEOTECH	Solids	CMS-SD-4222-0007-01		32.6		Percent			AMS	18464	30-May-03		8-Jul-04
CMS-SD-4222-0007-01	GS	Clay	CMS-SD-4222-0007-01		24.36		Percent			AMS	18464	30-May-03		25-Jun-04
CMS-SD-4222-0007-01	GS	Coarse Sand	CMS-SD-4222-0007-01		0.00		Percent			AMS	18464	30-May-03		25-Jun-04
CMS-SD-4222-0007-01	GS	Fine Sand	CMS-SD-4222-0007-01		2.62		Percent			AMS	18464	30-May-03		25-Jun-04
CMS-SD-4222-0007-01	GS	Gravel	CMS-SD-4222-0007-01		0.00		Percent			AMS	18464	30-May-03		25-Jun-04
CMS-SD-4222-0007-01	GS	Medium Sand	CMS-SD-4222-0007-01		0.11		Percent			AMS	18464	30-May-03		25-Jun-04
CMS-SD-4222-0007-01	GS	Silt	CMS-SD-4222-0007-01		72.91		Percent			AMS	18464	30-May-03		25-Jun-04
CMS-SD-4222-0007-01	GEOTECH	Specific Gravity	CMS-SD-4222-0007-01		2.28					AMS	18464	30-May-03		6-Jul-04
CMS-SD-4222-1025-01	GEOTECH	Ash	CMS-SD-4222-1025-01		5.8		Percent			AMS	18467	30-May-03		8-Jul-04
CMS-SD-4222-1025-01	GEOTECH	Moisture	CMS-SD-4222-1025-01		67.6		Percent			AMS	18467	30-May-03		8-Jul-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4220-0006-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4220-0006-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4221-0626-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4221-0626-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4222-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-0007-01	ASTM D854	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D2974	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
CMS-SD-4222-1025-01	GEOTECH	Organic Matter	CMS-SD-4222-1025-01		26.6		Percent			AMS	18467	30-May-03		8-Jul-04
CMS-SD-4222-1025-01	GEOTECH	Solids	CMS-SD-4222-1025-01		32.4		Percent			AMS	18467	30-May-03		8-Jul-04
CMS-SD-4222-1025-01	GS	Clay	CMS-SD-4222-1025-01		27.36		Percent			AMS	18467	30-May-03		25-Jun-04
CMS-SD-4222-1025-01	GS	Coarse Sand	CMS-SD-4222-1025-01		0.07		Percent			AMS	18467	30-May-03		25-Jun-04
CMS-SD-4222-1025-01	GS	Fine Sand	CMS-SD-4222-1025-01		4.83		Percent			AMS	18467	30-May-03		25-Jun-04
CMS-SD-4222-1025-01	GS	Gravel	CMS-SD-4222-1025-01		0.00		Percent			AMS	18467	30-May-03		25-Jun-04
CMS-SD-4222-1025-01	GS	Medium Sand	CMS-SD-4222-1025-01		1.87		Percent			AMS	18467	30-May-03		25-Jun-04
CMS-SD-4222-1025-01	GS	Silt	CMS-SD-4222-1025-01		65.87		Percent			AMS	18467	30-May-03		25-Jun-04
CMS-SD-4222-1025-01	GEOTECH	Liquid Limit	CMS-SD-4222-1025-01		193					AMS	18467	30-May-03		28-Jun-04
CMS-SD-4222-1025-01	GEOTECH	Plastic Limit	CMS-SD-4222-1025-01		97					AMS	18467	30-May-03		28-Jun-04
CMS-SD-4222-1025-01	GEOTECH	Plasticity Index	CMS-SD-4222-1025-01		96					AMS	18467	30-May-03		28-Jun-04
CMS-SD-4223-0004-01	GEOTECH	Water Content	CMS-SD-4223-0004-01		310		Percent			AMS	18514	30-May-03		21-Jun-04
CMS-SD-4223-0004-01	GEOTECH	Ash	CMS-SD-4223-0004-01		6.4		Percent			AMS	18514	30-May-03		8-Jul-04
CMS-SD-4223-0004-01	GEOTECH	Moisture	CMS-SD-4223-0004-01		72.0		Percent			AMS	18514	30-May-03		8-Jul-04
CMS-SD-4223-0004-01	GEOTECH	Organic Matter	CMS-SD-4223-0004-01		21.6		Percent			AMS	18514	30-May-03		8-Jul-04
CMS-SD-4223-0004-01	GEOTECH	Solids	CMS-SD-4223-0004-01		28.0		Percent			AMS	18514	30-May-03		8-Jul-04
CMS-SD-4223-0004-01	GEOTECH	Specific Gravity	CMS-SD-4223-0004-01		2.28					AMS	18514	30-May-03		7-Jul-04
LPX-SD-4201-0010-01	GEOTECH	Water Content	LPX-SD-4201-0010-01		286		Percent			AMS	18527	30-May-03		21-Jun-04
LPX-SD-4201-0010-01	GEOTECH	Ash	LPX-SD-4201-0010-01		4.7		Percent			AMS	18527	30-May-03		8-Jul-04
LPX-SD-4201-0010-01	GEOTECH	Moisture	LPX-SD-4201-0010-01		70.6		Percent			AMS	18527	30-May-03		8-Jul-04
LPX-SD-4201-0010-01	GEOTECH	Organic Matter	LPX-SD-4201-0010-01		24.7		Percent			AMS	18527	30-May-03		8-Jul-04
LPX-SD-4201-0010-01	GEOTECH	Solids	LPX-SD-4201-0010-01		29.4		Percent			AMS	18527	30-May-03		8-Jul-04
LPX-SD-4201-0010-01	GEOTECH	Liquid Limit	LPX-SD-4201-0010-01		190					AMS	18527	30-May-03		29-Jun-04
LPX-SD-4201-0010-01	GEOTECH	Plastic Limit	LPX-SD-4201-0010-01		85					AMS	18527	30-May-03		29-Jun-04
LPX-SD-4201-0010-01	GEOTECH	Plasticity Index	LPX-SD-4201-0010-01		105					AMS	18527	30-May-03		29-Jun-04
LPX-SD-4201-0010-01	GEOTECH	Specific Gravity	LPX-SD-4201-0010-01		2.17					AMS	18527	30-May-03		7-Jul-04
LPX-SD-4201-1031-01	GEOTECH	Water Content	LPX-SD-4201-1031-01		222		Percent			AMS	18531	30-May-03		21-Jun-04
LPX-SD-4201-1031-01	GEOTECH	Ash	LPX-SD-4201-1031-01		8.5		Percent			AMS	18531	30-May-03		8-Jul-04
LPX-SD-4201-1031-01	GEOTECH	Moisture	LPX-SD-4201-1031-01		71.6		Percent			AMS	18531	30-May-03		8-Jul-04
LPX-SD-4201-1031-01	GEOTECH	Organic Matter	LPX-SD-4201-1031-01		19.9		Percent			AMS	18531	30-May-03		8-Jul-04
LPX-SD-4201-1031-01	GEOTECH	Solids	LPX-SD-4201-1031-01		28.4		Percent			AMS	18531	30-May-03		8-Jul-04
LPX-SD-4201-1031-01	GS	Clay	LPX-SD-4201-1031-01		30.11		Percent			AMS	18531	30-May-03		25-Jun-04
LPX-SD-4201-1031-01	GS	Coarse Sand	LPX-SD-4201-1031-01		0.12		Percent			AMS	18531	30-May-03		25-Jun-04
LPX-SD-4201-1031-01	GS	Fine Sand	LPX-SD-4201-1031-01		13.84		Percent			AMS	18531	30-May-03		25-Jun-04

US EPA ARCHIVE DOCUMENT

NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
CMS-SD-4222-1025-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4222-1025-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D422	0.01			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4222-1025-01	ASTM D4318	1			1				N			Third party validation not required
CMS-SD-4223-0004-01	ASTM D2216	1			1				N			Third party validation not required
CMS-SD-4223-0004-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4223-0004-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4223-0004-01	ASTM D2974	0.01			1				N			Third party validation not required
CMS-SD-4223-0004-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
CMS-SD-4223-0004-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4201-0010-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-0010-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4201-1031-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
LPX-SD-4201-1031-01	GS	Gravel	LPX-SD-4201-1031-01		0.00		Percent			AMS	18531	30-May-03		25-Jun-04
LPX-SD-4201-1031-01	GS	Medium Sand	LPX-SD-4201-1031-01		0.71		Percent			AMS	18531	30-May-03		25-Jun-04
LPX-SD-4201-1031-01	GS	Silt	LPX-SD-4201-1031-01		55.22		Percent			AMS	18531	30-May-03		25-Jun-04
LPX-SD-4201-1031-01	GEOTECH	Liquid Limit	LPX-SD-4201-1031-01		273					AMS	18531	30-May-03		29-Jun-04
LPX-SD-4201-1031-01	GEOTECH	Plastic Limit	LPX-SD-4201-1031-01		168					AMS	18531	30-May-03		29-Jun-04
LPX-SD-4201-1031-01	GEOTECH	Plasticity Index	LPX-SD-4201-1031-01		105					AMS	18531	30-May-03		29-Jun-04
LPX-SD-4201-1031-01	GEOTECH	Specific Gravity	LPX-SD-4201-1031-01		1.92					AMS	18531	30-May-03		7-Jul-04
LPX-SD-4201-1031-01 DUP	GEOTECH	Water Content	LPX-SD-4201-1031-01 DUP		230		Percent			AMS	18531-2	30-May-03		21-Jun-04
LPX-SD-4201-3136-01	GEOTECH	Liquid Limit	LPX-SD-4201-3136-01		143					AMS	18486	30-May-03		29-Jun-04
LPX-SD-4201-3136-01	GEOTECH	Plastic Limit	LPX-SD-4201-3136-01		90					AMS	18486	30-May-03		29-Jun-04
LPX-SD-4201-3136-01	GEOTECH	Plasticity Index	LPX-SD-4201-3136-01		53					AMS	18486	30-May-03		29-Jun-04
LPX-SD-4202-0005-01	GS	Clay	LPX-SD-4202-0005-01		2.37		Percent			AMS	18520	30-May-03		25-Jun-04
LPX-SD-4202-0005-01	GS	Coarse Sand	LPX-SD-4202-0005-01		0.43		Percent			AMS	18520	30-May-03		25-Jun-04
LPX-SD-4202-0005-01	GS	Fine Sand	LPX-SD-4202-0005-01		61.76		Percent			AMS	18520	30-May-03		25-Jun-04
LPX-SD-4202-0005-01	GS	Gravel	LPX-SD-4202-0005-01		0.00		Percent			AMS	18520	30-May-03		25-Jun-04
LPX-SD-4202-0005-01	GS	Medium Sand	LPX-SD-4202-0005-01		11.40		Percent			AMS	18520	30-May-03		25-Jun-04
LPX-SD-4202-0005-01	GS	Silt	LPX-SD-4202-0005-01		24.04		Percent			AMS	18520	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GEOTECH	Water Content	LPX-SD-4203-0012-01		221		Percent			AMS	18528	30-May-03		21-Jun-04
LPX-SD-4203-0012-01	GEOTECH	Ash	LPX-SD-4203-0012-01		5.7		Percent			AMS	18528	30-May-03		8-Jul-04
LPX-SD-4203-0012-01	GEOTECH	Moisture	LPX-SD-4203-0012-01		66.9		Percent			AMS	18528	30-May-03		8-Jul-04
LPX-SD-4203-0012-01	GEOTECH	Organic Matter	LPX-SD-4203-0012-01		27.4		Percent			AMS	18528	30-May-03		8-Jul-04
LPX-SD-4203-0012-01	GEOTECH	Solids	LPX-SD-4203-0012-01		33.1		Percent			AMS	18528	30-May-03		8-Jul-04
LPX-SD-4203-0012-01	GS	Clay	LPX-SD-4203-0012-01		32.36		Percent			AMS	18528	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GS	Coarse Sand	LPX-SD-4203-0012-01		0.16		Percent			AMS	18528	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GS	Fine Sand	LPX-SD-4203-0012-01		6.42		Percent			AMS	18528	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GS	Gravel	LPX-SD-4203-0012-01		0.00		Percent			AMS	18528	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GS	Medium Sand	LPX-SD-4203-0012-01		2.04		Percent			AMS	18528	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GS	Silt	LPX-SD-4203-0012-01		59.02		Percent			AMS	18528	30-May-03		25-Jun-04
LPX-SD-4203-0012-01	GEOTECH	Liquid Limit	LPX-SD-4203-0012-01		186					AMS	18528	30-May-03		29-Jun-04
LPX-SD-4203-0012-01	GEOTECH	Plastic Limit	LPX-SD-4203-0012-01		94					AMS	18528	30-May-03		29-Jun-04
LPX-SD-4203-0012-01	GEOTECH	Plasticity Index	LPX-SD-4203-0012-01		92					AMS	18528	30-May-03		29-Jun-04
LPX-SD-4203-0012-01	GEOTECH	Specific Gravity	LPX-SD-4203-0012-01		2.23					AMS	18528	30-May-03		7-Jul-04
LPX-SD-4204-0018-01	GEOTECH	Water Content	LPX-SD-4204-0018-01		216		Percent			AMS	18488	30-May-03		21-Jun-04
LPX-SD-4204-0018-01	GEOTECH	Ash	LPX-SD-4204-0018-01		4.9		Percent			AMS	18488	30-May-03		8-Jul-04
LPX-SD-4204-0018-01	GEOTECH	Moisture	LPX-SD-4204-0018-01		67.4		Percent			AMS	18488	30-May-03		8-Jul-04
LPX-SD-4204-0018-01	GEOTECH	Organic Matter	LPX-SD-4204-0018-01		27.7		Percent			AMS	18488	30-May-03		8-Jul-04
LPX-SD-4204-0018-01	GEOTECH	Solids	LPX-SD-4204-0018-01		32.6		Percent			AMS	18488	30-May-03		8-Jul-04
LPX-SD-4204-0018-01	GS	Clay	LPX-SD-4204-0018-01		32.11		Percent			AMS	18488	30-May-03		25-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4201-1031-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-1031-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4201-1031-01 DUP	ASTM D2216	1			1				DUP			Third party validation not required
LPX-SD-4201-3136-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-3136-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4201-3136-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4202-0005-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4202-0005-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4202-0005-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4202-0005-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4202-0005-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4202-0005-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4203-0012-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4203-0012-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4204-0018-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
LPX-SD-4204-0018-01	GS	Coarse Sand	LPX-SD-4204-0018-01		0.00		Percent			AMS	18488	30-May-03		25-Jun-04
LPX-SD-4204-0018-01	GS	Fine Sand	LPX-SD-4204-0018-01		5.42		Percent			AMS	18488	30-May-03		25-Jun-04
LPX-SD-4204-0018-01	GS	Gravel	LPX-SD-4204-0018-01		0.00		Percent			AMS	18488	30-May-03		25-Jun-04
LPX-SD-4204-0018-01	GS	Medium Sand	LPX-SD-4204-0018-01		0.16		Percent			AMS	18488	30-May-03		25-Jun-04
LPX-SD-4204-0018-01	GS	Silt	LPX-SD-4204-0018-01		62.32		Percent			AMS	18488	30-May-03		25-Jun-04
LPX-SD-4204-0018-01	GEOTECH	Liquid Limit	LPX-SD-4204-0018-01		164					AMS	18488	30-May-03		29-Jun-04
LPX-SD-4204-0018-01	GEOTECH	Plastic Limit	LPX-SD-4204-0018-01		90					AMS	18488	30-May-03		29-Jun-04
LPX-SD-4204-0018-01	GEOTECH	Plasticity Index	LPX-SD-4204-0018-01		74					AMS	18488	30-May-03		29-Jun-04
LPX-SD-4204-0018-01	GEOTECH	Specific Gravity	LPX-SD-4204-0018-01		2.29					AMS	18488	30-May-03		7-Jul-04
LPX-SD-4204-0018-01 DUP	GEOTECH	Water Content	LPX-SD-4204-0018-01 DUP		220		Percent			AMS	18488-2	30-May-03		21-Jun-04
LPX-SD-4205-0015-01	GEOTECH	Water Content	LPX-SD-4205-0015-01		387		Percent			AMS	18492	30-May-03		21-Jun-04
LPX-SD-4205-0015-01	GEOTECH	Ash	LPX-SD-4205-0015-01		5.0		Percent			AMS	18492	30-May-03		8-Jul-04
LPX-SD-4205-0015-01	GEOTECH	Moisture	LPX-SD-4205-0015-01		77.0		Percent			AMS	18492	30-May-03		8-Jul-04
LPX-SD-4205-0015-01	GEOTECH	Organic Matter	LPX-SD-4205-0015-01		18.0		Percent			AMS	18492	30-May-03		8-Jul-04
LPX-SD-4205-0015-01	GEOTECH	Solids	LPX-SD-4205-0015-01		23.0		Percent			AMS	18492	30-May-03		8-Jul-04
LPX-SD-4205-0015-01	GS	Clay	LPX-SD-4205-0015-01		36.36		Percent			AMS	18492	30-May-03		25-Jun-04
LPX-SD-4205-0015-01	GS	Coarse Sand	LPX-SD-4205-0015-01		0.00		Percent			AMS	18492	30-May-03		25-Jun-04
LPX-SD-4205-0015-01	GS	Fine Sand	LPX-SD-4205-0015-01		1.53		Percent			AMS	18492	30-May-03		25-Jun-04
LPX-SD-4205-0015-01	GS	Gravel	LPX-SD-4205-0015-01		0.00		Percent			AMS	18492	30-May-03		25-Jun-04
LPX-SD-4205-0015-01	GS	Medium Sand	LPX-SD-4205-0015-01		0.00		Percent			AMS	18492	30-May-03		25-Jun-04
LPX-SD-4205-0015-01	GS	Silt	LPX-SD-4205-0015-01		62.10		Percent			AMS	18492	30-May-03		25-Jun-04
LPX-SD-4205-0015-01	GEOTECH	Liquid Limit	LPX-SD-4205-0015-01		113					AMS	18492	30-May-03		29-Jun-04
LPX-SD-4205-0015-01	GEOTECH	Plastic Limit	LPX-SD-4205-0015-01		90					AMS	18492	30-May-03		29-Jun-04
LPX-SD-4205-0015-01	GEOTECH	Plasticity Index	LPX-SD-4205-0015-01		23					AMS	18492	30-May-03		29-Jun-04
LPX-SD-4205-0015-01	GEOTECH	Specific Gravity	LPX-SD-4205-0015-01		1.91					AMS	18492	30-May-03		7-Jul-04
LPX-SD-4205-0015-01 DUP	GEOTECH	Ash	LPX-SD-4205-0015-01 DUP		5.2		Percent			AMS	18492-2	30-May-03		8-Jul-04
LPX-SD-4205-0015-01 DUP	GEOTECH	Moisture	LPX-SD-4205-0015-01 DUP		76.1		Percent			AMS	18492-2	30-May-03		8-Jul-04
LPX-SD-4205-0015-01 DUP	GEOTECH	Organic Matter	LPX-SD-4205-0015-01 DUP		18.7		Percent			AMS	18492-2	30-May-03		8-Jul-04
LPX-SD-4205-0015-01 DUP	GEOTECH	Solids	LPX-SD-4205-0015-01 DUP		23.9		Percent			AMS	18492-2	30-May-03		8-Jul-04
LPX-SD-4205-0015-01 DUP	GS	Clay	LPX-SD-4205-0015-01 DUP		36.64		Percent			AMS	18492-2	30-May-03		25-Jun-04
LPX-SD-4205-0015-01 DUP	GS	Coarse Sand	LPX-SD-4205-0015-01 DUP		0.00		Percent			AMS	18492-2	30-May-03		25-Jun-04
LPX-SD-4205-0015-01 DUP	GS	Fine Sand	LPX-SD-4205-0015-01 DUP		1.44		Percent			AMS	18492-2	30-May-03		25-Jun-04
LPX-SD-4205-0015-01 DUP	GS	Gravel	LPX-SD-4205-0015-01 DUP		0.00		Percent			AMS	18492-2	30-May-03		25-Jun-04
LPX-SD-4205-0015-01 DUP	GS	Medium Sand	LPX-SD-4205-0015-01 DUP		0.00		Percent			AMS	18492-2	30-May-03		25-Jun-04
LPX-SD-4205-0015-01 DUP	GS	Silt	LPX-SD-4205-0015-01 DUP		61.92		Percent			AMS	18492-2	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GEOTECH	Water Content	LPX-SD-4205-1523-01		200		Percent			AMS	18493	30-May-03		21-Jun-04
LPX-SD-4205-1523-01	GEOTECH	Ash	LPX-SD-4205-1523-01		4.9		Percent			AMS	18493	30-May-03		8-Jul-04
LPX-SD-4205-1523-01	GEOTECH	Moisture	LPX-SD-4205-1523-01		65.6		Percent			AMS	18493	30-May-03		8-Jul-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4204-0018-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4204-0018-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4204-0018-01 DUP	ASTM D2216	1			1				DUP			Third party validation not required
LPX-SD-4205-0015-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4205-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4205-0015-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D2974	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D2974	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D2974	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D2974	0.01			1				DUP			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D422	0.01			1				DUP			*Third party validation not required*
LPX-SD-4205-0015-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4205-0015-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4205-1523-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D2974	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
LPX-SD-4205-1523-01	GEOTECH	Organic Matter	LPX-SD-4205-1523-01		29.5		Percent			AMS	18493	30-May-03		8-Jul-04
LPX-SD-4205-1523-01	GEOTECH	Solids	LPX-SD-4205-1523-01		34.4		Percent			AMS	18493	30-May-03		8-Jul-04
LPX-SD-4205-1523-01	GS	Clay	LPX-SD-4205-1523-01		29.76		Percent			AMS	18493	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GS	Coarse Sand	LPX-SD-4205-1523-01		0.00		Percent			AMS	18493	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GS	Fine Sand	LPX-SD-4205-1523-01		2.29		Percent			AMS	18493	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GS	Gravel	LPX-SD-4205-1523-01		0.00		Percent			AMS	18493	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GS	Medium Sand	LPX-SD-4205-1523-01		0.12		Percent			AMS	18493	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GS	Silt	LPX-SD-4205-1523-01		67.83		Percent			AMS	18493	30-May-03		25-Jun-04
LPX-SD-4205-1523-01	GEOTECH	Liquid Limit	LPX-SD-4205-1523-01		157					AMS	18493	30-May-03		29-Jun-04
LPX-SD-4205-1523-01	GEOTECH	Plastic Limit	LPX-SD-4205-1523-01		96					AMS	18493	30-May-03		29-Jun-04
LPX-SD-4205-1523-01	GEOTECH	Plasticity Index	LPX-SD-4205-1523-01		61					AMS	18493	30-May-03		29-Jun-04
LPX-SD-4205-1523-01	GEOTECH	Specific Gravity	LPX-SD-4205-1523-01		2.26					AMS	18493	30-May-03		7-Jul-04
LPX-SD-4206-0009-01	GEOTECH	Water Content	LPX-SD-4206-0009-01		258		Percent			AMS	18498	30-May-03		21-Jun-04
LPX-SD-4206-0009-01	GEOTECH	Ash	LPX-SD-4206-0009-01		5.3		Percent			AMS	18498	30-May-03		8-Jul-04
LPX-SD-4206-0009-01	GEOTECH	Moisture	LPX-SD-4206-0009-01		68.3		Percent			AMS	18498	30-May-03		8-Jul-04
LPX-SD-4206-0009-01	GEOTECH	Organic Matter	LPX-SD-4206-0009-01		26.4		Percent			AMS	18498	30-May-03		8-Jul-04
LPX-SD-4206-0009-01	GEOTECH	Solids	LPX-SD-4206-0009-01		31.7		Percent			AMS	18498	30-May-03		8-Jul-04
LPX-SD-4206-0009-01	GS	Clay	LPX-SD-4206-0009-01		27.28		Percent			AMS	18498	30-May-03		25-Jun-04
LPX-SD-4206-0009-01	GS	Coarse Sand	LPX-SD-4206-0009-01		0.23		Percent			AMS	18498	30-May-03		25-Jun-04
LPX-SD-4206-0009-01	GS	Fine Sand	LPX-SD-4206-0009-01		4.74		Percent			AMS	18498	30-May-03		25-Jun-04
LPX-SD-4206-0009-01	GS	Gravel	LPX-SD-4206-0009-01		0.00		Percent			AMS	18498	30-May-03		25-Jun-04
LPX-SD-4206-0009-01	GS	Medium Sand	LPX-SD-4206-0009-01		0.45		Percent			AMS	18498	30-May-03		25-Jun-04
LPX-SD-4206-0009-01	GS	Silt	LPX-SD-4206-0009-01		67.30		Percent			AMS	18498	30-May-03		25-Jun-04
LPX-SD-4206-0009-01	GEOTECH	Liquid Limit	LPX-SD-4206-0009-01		178					AMS	18498	30-May-03		29-Jun-04
LPX-SD-4206-0009-01	GEOTECH	Plastic Limit	LPX-SD-4206-0009-01		85					AMS	18498	30-May-03		29-Jun-04
LPX-SD-4206-0009-01	GEOTECH	Plasticity Index	LPX-SD-4206-0009-01		93					AMS	18498	30-May-03		29-Jun-04
LPX-SD-4206-0009-01	GEOTECH	Specific Gravity	LPX-SD-4206-0009-01		1.87					AMS	18498	30-May-03		7-Jul-04
LPX-SD-4206-1118-01	GEOTECH	Water Content	LPX-SD-4206-1118-01		282		Percent			AMS	18491	30-May-03		21-Jun-04
LPX-SD-4206-1118-01	GEOTECH	Ash	LPX-SD-4206-1118-01		5.8		Percent			AMS	18491	30-May-03		8-Jul-04
LPX-SD-4206-1118-01	GEOTECH	Moisture	LPX-SD-4206-1118-01		70.8		Percent			AMS	18491	30-May-03		8-Jul-04
LPX-SD-4206-1118-01	GEOTECH	Organic Matter	LPX-SD-4206-1118-01		23.4		Percent			AMS	18491	30-May-03		8-Jul-04
LPX-SD-4206-1118-01	GEOTECH	Solids	LPX-SD-4206-1118-01		29.2		Percent			AMS	18491	30-May-03		8-Jul-04
LPX-SD-4206-1118-01	GEOTECH	Specific Gravity	LPX-SD-4206-1118-01		2.35					AMS	18491	30-May-03		7-Jul-04
LPX-SD-4206-1823-01	GS	Clay	LPX-SD-4206-1823-01		1.23		Percent			AMS	19788	29-Jun-04		1-Jul-04
LPX-SD-4206-1823-01	GS	Coarse Sand	LPX-SD-4206-1823-01		1.46		Percent			AMS	19788	29-Jun-04		1-Jul-04
LPX-SD-4206-1823-01	GS	Fine Sand	LPX-SD-4206-1823-01		6.66		Percent			AMS	19788	29-Jun-04		1-Jul-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4205-1523-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4205-1523-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4205-1523-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4206-0009-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4206-0009-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4206-1118-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4206-1118-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4206-1118-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4206-1118-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4206-1118-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4206-1118-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4206-1823-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-1823-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-1823-01	ASTM D422	0.01			1				N			Third party validation not required

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NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
LPX-SD-4206-1823-01	GS	Gravel	LPX-SD-4206-1823-01		77.18		Percent			AMS	19788	29-Jun-04		1-Jul-04
LPX-SD-4206-1823-01	GS	Medium Sand	LPX-SD-4206-1823-01		9.96		Percent			AMS	19788	29-Jun-04		1-Jul-04
LPX-SD-4206-1823-01	GS	Silt	LPX-SD-4206-1823-01		3.51		Percent			AMS	19788	29-Jun-04		1-Jul-04
LPX-SD-4207-0009-01	GEOTECH	Water Content	LPX-SD-4207-0009-01		71		Percent			AMS	18518	30-May-03		21-Jun-04
LPX-SD-4207-0009-01	GEOTECH	Liquid Limit	LPX-SD-4207-0009-01		106					AMS	18518	30-May-03		29-Jun-04
LPX-SD-4207-0009-01	GEOTECH	Plastic Limit	LPX-SD-4207-0009-01		76					AMS	18518	30-May-03		29-Jun-04
LPX-SD-4207-0009-01	GEOTECH	Plasticity Index	LPX-SD-4207-0009-01		30					AMS	18518	30-May-03		29-Jun-04
LPX-SD-4207-0009-01	GEOTECH	Specific Gravity	LPX-SD-4207-0009-01		2.17					AMS	18518	30-May-03		7-Jul-04
LPX-SD-4208-0011-01	GEOTECH	Water Content	LPX-SD-4208-0011-01		214		Percent			AMS	18515	30-May-03		21-Jun-04
LPX-SD-4208-0011-01	GEOTECH	Ash	LPX-SD-4208-0011-01		5.7		Percent			AMS	18515	30-May-03		8-Jul-04
LPX-SD-4208-0011-01	GEOTECH	Moisture	LPX-SD-4208-0011-01		66.6		Percent			AMS	18515	30-May-03		8-Jul-04
LPX-SD-4208-0011-01	GEOTECH	Organic Matter	LPX-SD-4208-0011-01		27.8		Percent			AMS	18515	30-May-03		8-Jul-04
LPX-SD-4208-0011-01	GEOTECH	Solids	LPX-SD-4208-0011-01		33.5		Percent			AMS	18515	30-May-03		8-Jul-04
LPX-SD-4208-0011-01	GS	Clay	LPX-SD-4208-0011-01		18.17		Percent			AMS	18515	30-May-03		25-Jun-04
LPX-SD-4208-0011-01	GS	Coarse Sand	LPX-SD-4208-0011-01		0.60		Percent			AMS	18515	30-May-03		25-Jun-04
LPX-SD-4208-0011-01	GS	Fine Sand	LPX-SD-4208-0011-01		29.43		Percent			AMS	18515	30-May-03		25-Jun-04
LPX-SD-4208-0011-01	GS	Gravel	LPX-SD-4208-0011-01		0.00		Percent			AMS	18515	30-May-03		25-Jun-04
LPX-SD-4208-0011-01	GS	Medium Sand	LPX-SD-4208-0011-01		1.53		Percent			AMS	18515	30-May-03		25-Jun-04
LPX-SD-4208-0011-01	GS	Silt	LPX-SD-4208-0011-01		50.26		Percent			AMS	18515	30-May-03		25-Jun-04
LPX-SD-4208-0011-01	GEOTECH	Liquid Limit	LPX-SD-4208-0011-01		79					AMS	18515	30-May-03		29-Jun-04
LPX-SD-4208-0011-01	GEOTECH	Plastic Limit	LPX-SD-4208-0011-01		67					AMS	18515	30-May-03		29-Jun-04
LPX-SD-4208-0011-01	GEOTECH	Plasticity Index	LPX-SD-4208-0011-01		12					AMS	18515	30-May-03		29-Jun-04
LPX-SD-4208-0011-01	GEOTECH	Specific Gravity	LPX-SD-4208-0011-01		2.22					AMS	18515	30-May-03		7-Jul-04
LPX-SD-4208-0011-01 DUP	GS	Clay	LPX-SD-4208-0011-01 DUP		18.05		Percent			AMS	18515-2	30-May-03		25-Jun-04
LPX-SD-4208-0011-01 DUP	GS	Coarse Sand	LPX-SD-4208-0011-01 DUP		0.70		Percent			AMS	18515-2	30-May-03		25-Jun-04
LPX-SD-4208-0011-01 DUP	GS	Fine Sand	LPX-SD-4208-0011-01 DUP		28.04		Percent			AMS	18515-2	30-May-03		25-Jun-04
LPX-SD-4208-0011-01 DUP	GS	Gravel	LPX-SD-4208-0011-01 DUP		0.00		Percent			AMS	18515-2	30-May-03		25-Jun-04
LPX-SD-4208-0011-01 DUP	GS	Medium Sand	LPX-SD-4208-0011-01 DUP		1.35		Percent			AMS	18515-2	30-May-03		25-Jun-04
LPX-SD-4208-0011-01 DUP	GS	Silt	LPX-SD-4208-0011-01 DUP		51.85		Percent			AMS	18515-2	30-May-03		25-Jun-04
LPX-SD-4208-1125-01	GEOTECH	Water Content	LPX-SD-4208-1125-01		223		Percent			AMS	18513	30-May-03		21-Jun-04
LPX-SD-4208-1125-01	GEOTECH	Ash	LPX-SD-4208-1125-01		5.2		Percent			AMS	18513	30-May-03		8-Jul-04
LPX-SD-4208-1125-01	GEOTECH	Moisture	LPX-SD-4208-1125-01		67.0		Percent			AMS	18513	30-May-03		8-Jul-04
LPX-SD-4208-1125-01	GEOTECH	Organic Matter	LPX-SD-4208-1125-01		27.8		Percent			AMS	18513	30-May-03		8-Jul-04
LPX-SD-4208-1125-01	GEOTECH	Solids	LPX-SD-4208-1125-01		33.0		Percent			AMS	18513	30-May-03		8-Jul-04
LPX-SD-4208-1125-01	GS	Clay	LPX-SD-4208-1125-01		11.74		Percent			AMS	18513	30-May-03		25-Jun-04
LPX-SD-4208-1125-01	GS	Coarse Sand	LPX-SD-4208-1125-01		0.16		Percent			AMS	18513	30-May-03		25-Jun-04
LPX-SD-4208-1125-01	GS	Fine Sand	LPX-SD-4208-1125-01		19.96		Percent			AMS	18513	30-May-03		25-Jun-04
LPX-SD-4208-1125-01	GS	Gravel	LPX-SD-4208-1125-01		0.00		Percent			AMS	18513	30-May-03		25-Jun-04

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NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4206-1823-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-1823-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4206-1823-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4207-0009-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4207-0009-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4207-0009-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4207-0009-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4207-0009-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4208-0011-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4208-0011-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4208-0011-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4208-0011-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4208-0011-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4208-0011-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4208-0011-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4208-0011-01 DUP	ASTM D422	0.01			1				DUP			Third party validation not required
LPX-SD-4208-1125-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4208-1125-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
LPX-SD-4208-1125-01	GS	Medium Sand	LPX-SD-4208-1125-01		1.89		Percent			AMS	18513	30-May-03		25-Jun-04
LPX-SD-4208-1125-01	GS	Silt	LPX-SD-4208-1125-01		66.25		Percent			AMS	18513	30-May-03		25-Jun-04
LPX-SD-4208-1125-01	GEOTECH	Liquid Limit	LPX-SD-4208-1125-01		61					AMS	18513	30-May-03		29-Jun-04
LPX-SD-4208-1125-01	GEOTECH	Plastic Limit	LPX-SD-4208-1125-01		54					AMS	18513	30-May-03		29-Jun-04
LPX-SD-4208-1125-01	GEOTECH	Plasticity Index	LPX-SD-4208-1125-01		7					AMS	18513	30-May-03		29-Jun-04
LPX-SD-4208-1125-01	GEOTECH	Specific Gravity	LPX-SD-4208-1125-01		2.10					AMS	18513	30-May-03		7-Jul-04
LPX-SD-4209-0008-01	GEOTECH	Water Content	LPX-SD-4209-0008-01		321		Percent			AMS	18475	30-May-03		21-Jun-04
LPX-SD-4209-0008-01	GEOTECH	Ash	LPX-SD-4209-0008-01		5.1		Percent			AMS	18475	30-May-03		8-Jul-04
LPX-SD-4209-0008-01	GEOTECH	Moisture	LPX-SD-4209-0008-01		73.5		Percent			AMS	18475	30-May-03		8-Jul-04
LPX-SD-4209-0008-01	GEOTECH	Organic Matter	LPX-SD-4209-0008-01		21.4		Percent			AMS	18475	30-May-03		8-Jul-04
LPX-SD-4209-0008-01	GEOTECH	Solids	LPX-SD-4209-0008-01		26.5		Percent			AMS	18475	30-May-03		8-Jul-04
LPX-SD-4209-0008-01	GS	Clay	LPX-SD-4209-0008-01		26.42		Percent			AMS	18475	30-May-03		25-Jun-04
LPX-SD-4209-0008-01	GS	Coarse Sand	LPX-SD-4209-0008-01		0.08		Percent			AMS	18475	30-May-03		25-Jun-04
LPX-SD-4209-0008-01	GS	Fine Sand	LPX-SD-4209-0008-01		4.61		Percent			AMS	18475	30-May-03		25-Jun-04
LPX-SD-4209-0008-01	GS	Gravel	LPX-SD-4209-0008-01		0.00		Percent			AMS	18475	30-May-03		25-Jun-04
LPX-SD-4209-0008-01	GS	Medium Sand	LPX-SD-4209-0008-01		0.03		Percent			AMS	18475	30-May-03		25-Jun-04
LPX-SD-4209-0008-01	GS	Silt	LPX-SD-4209-0008-01		68.86		Percent			AMS	18475	30-May-03		25-Jun-04
LPX-SD-4209-0008-01	GEOTECH	Specific Gravity	LPX-SD-4209-0008-01		2.42					AMS	18475	30-May-03		7-Jul-04
LPX-SD-4209-0812-01	GEOTECH	Ash	LPX-SD-4209-0812-01		2.7		Percent			AMS	18476	30-May-03		8-Jul-04
LPX-SD-4209-0812-01	GEOTECH	Moisture	LPX-SD-4209-0812-01		37.7		Percent			AMS	18476	30-May-03		8-Jul-04
LPX-SD-4209-0812-01	GEOTECH	Organic Matter	LPX-SD-4209-0812-01		59.6		Percent			AMS	18476	30-May-03		8-Jul-04
LPX-SD-4209-0812-01	GEOTECH	Solids	LPX-SD-4209-0812-01		62.3		Percent			AMS	18476	30-May-03		8-Jul-04
LPX-SD-4209-0812-01	GEOTECH	Liquid Limit	LPX-SD-4209-0812-01		37					AMS	18476	30-May-03		29-Jun-04
LPX-SD-4209-0812-01	GEOTECH	Plastic Limit	LPX-SD-4209-0812-01		35					AMS	18476	30-May-03		29-Jun-04
LPX-SD-4209-0812-01	GEOTECH	Plasticity Index	LPX-SD-4209-0812-01		2					AMS	18476	30-May-03		29-Jun-04
LPX-SD-4209-1226-01	GEOTECH	Water Content	LPX-SD-4209-1226-01		245		Percent			AMS	18533	30-May-03		21-Jun-04
LPX-SD-4209-1226-01	GEOTECH	Ash	LPX-SD-4209-1226-01		6.0		Percent			AMS	18533	30-May-03		8-Jul-04
LPX-SD-4209-1226-01	GEOTECH	Moisture	LPX-SD-4209-1226-01		70.4		Percent			AMS	18533	30-May-03		8-Jul-04
LPX-SD-4209-1226-01	GEOTECH	Organic Matter	LPX-SD-4209-1226-01		23.6		Percent			AMS	18533	30-May-03		8-Jul-04
LPX-SD-4209-1226-01	GEOTECH	Solids	LPX-SD-4209-1226-01		29.6		Percent			AMS	18533	30-May-03		8-Jul-04
LPX-SD-4209-1226-01	GS	Clay	LPX-SD-4209-1226-01		18.63		Percent			AMS	18533	30-May-03		25-Jun-04
LPX-SD-4209-1226-01	GS	Coarse Sand	LPX-SD-4209-1226-01		0.00		Percent			AMS	18533	30-May-03		25-Jun-04
LPX-SD-4209-1226-01	GS	Fine Sand	LPX-SD-4209-1226-01		7.98		Percent			AMS	18533	30-May-03		25-Jun-04
LPX-SD-4209-1226-01	GS	Gravel	LPX-SD-4209-1226-01		0.00		Percent			AMS	18533	30-May-03		25-Jun-04
LPX-SD-4209-1226-01	GS	Medium Sand	LPX-SD-4209-1226-01		0.73		Percent			AMS	18533	30-May-03		25-Jun-04

US EPA ARCHIVE DOCUMENT

NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4208-1125-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4208-1125-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4209-0008-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-0008-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4209-0812-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-0812-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-0812-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-0812-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4209-0812-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4209-0812-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4209-0812-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4209-1226-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D422	0.01			1				N			Third party validation not required

US EPA ARCHIVE DOCUMENT

NSAMPLE	CLASS	PARAMETER	EPASAMNO	CASNO	LAB_RESULT	QUAL	UNITS	CASE	SDG	LABORATORY	LAB_ID	REC_DAT	EXTR_DAT	ANAL_DAT
LPX-SD-4209-1226-01	GS	Silt	LPX-SD-4209-1226-01		72.66		Percent			AMS	18533	30-May-03		25-Jun-04
LPX-SD-4209-1226-01	GEOTECH	Specific Gravity	LPX-SD-4209-1226-01		1.70					AMS	18533	30-May-03		7-Jul-04
LPX-SD-4209-1226-01 DUP	GEOTECH	Ash	LPX-SD-4209-1226-01 DUP		5.7		Percent			AMS	18533-2	30-May-03		8-Jul-04
LPX-SD-4209-1226-01 DUP	GEOTECH	Moisture	LPX-SD-4209-1226-01 DUP		69.9		Percent			AMS	18533-2	30-May-03		8-Jul-04
LPX-SD-4209-1226-01 DUP	GEOTECH	Organic Matter	LPX-SD-4209-1226-01 DUP		24.4		Percent			AMS	18533-2	30-May-03		8-Jul-04
LPX-SD-4209-1226-01 DUP	GEOTECH	Solids	LPX-SD-4209-1226-01 DUP		30.1		Percent			AMS	18533-2	30-May-03		8-Jul-04
LPX-SD-4209-2634-01	GEOTECH	Liquid Limit	LPX-SD-4209-2634-01		95					AMS	19777	23-Jun-04		29-Jun-04
LPX-SD-4209-2634-01	GEOTECH	Plastic Limit	LPX-SD-4209-2634-01		73					AMS	19777	23-Jun-04		29-Jun-04
LPX-SD-4209-2634-01	GEOTECH	Plasticity Index	LPX-SD-4209-2634-01		22					AMS	19777	23-Jun-04		29-Jun-04
LPX-SD-4210-0015-01	GEOTECH	Water Content	LPX-SD-4210-0015-01		357		Percent			AMS	18497	30-May-03		21-Jun-04
LPX-SD-4210-0015-01	GEOTECH	Ash	LPX-SD-4210-0015-01		5.3		Percent			AMS	18497	30-May-03		8-Jul-04
LPX-SD-4210-0015-01	GEOTECH	Moisture	LPX-SD-4210-0015-01		67.6		Percent			AMS	18497	30-May-03		8-Jul-04
LPX-SD-4210-0015-01	GEOTECH	Organic Matter	LPX-SD-4210-0015-01		27.0		Percent			AMS	18497	30-May-03		8-Jul-04
LPX-SD-4210-0015-01	GEOTECH	Solids	LPX-SD-4210-0015-01		32.3		Percent			AMS	18497	30-May-03		8-Jul-04
LPX-SD-4210-0015-01	GS	Clay	LPX-SD-4210-0015-01		45.20		Percent			AMS	18497	30-May-03		25-Jun-04
LPX-SD-4210-0015-01	GS	Coarse Sand	LPX-SD-4210-0015-01		0.00		Percent			AMS	18497	30-May-03		25-Jun-04
LPX-SD-4210-0015-01	GS	Fine Sand	LPX-SD-4210-0015-01		1.18		Percent			AMS	18497	30-May-03		25-Jun-04
LPX-SD-4210-0015-01	GS	Gravel	LPX-SD-4210-0015-01		0.00		Percent			AMS	18497	30-May-03		25-Jun-04
LPX-SD-4210-0015-01	GS	Medium Sand	LPX-SD-4210-0015-01		0.26		Percent			AMS	18497	30-May-03		25-Jun-04
LPX-SD-4210-0015-01	GS	Silt	LPX-SD-4210-0015-01		53.36		Percent			AMS	18497	30-May-03		25-Jun-04
LPX-SD-4210-0015-01	GEOTECH	Specific Gravity	LPX-SD-4210-0015-01		2.29					AMS	18497	30-May-03		7-Jul-04
LPX-SD-4210-1523-01	GEOTECH	Liquid Limit	LPX-SD-4210-1523-01		215					AMS	18495	30-May-03		29-Jun-04
LPX-SD-4210-1523-01	GEOTECH	Plastic Limit	LPX-SD-4210-1523-01		118					AMS	18495	30-May-03		29-Jun-04
LPX-SD-4210-1523-01	GEOTECH	Plasticity Index	LPX-SD-4210-1523-01		97					AMS	18495	30-May-03		29-Jun-04

US EPA ARCHIVE DOCUMENT

NSAMPLE	METHOD	MDL	IDL	CRDL_CRQ	DIL_FACTOR	PCT_MOIST	COMMENTS	DVTIER	LAB_QC_TYPE	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT
LPX-SD-4209-1226-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4209-1226-01 DUP	ASTM D2974	0.01			1				DUP			Third party validation not required
LPX-SD-4209-1226-01 DUP	ASTM D2974	0.01			1				DUP			Third party validation not required
LPX-SD-4209-1226-01 DUP	ASTM D2974	0.01			1				DUP			Third party validation not required
LPX-SD-4209-1226-01 DUP	ASTM D2974	0.01			1				DUP			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4209-2634-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4209-2634-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4209-2634-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D2216	1			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D2974	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D2974	0.01			1				N			Solids = sum of Ash and Organic Matter; Third party validation not required
LPX-SD-4210-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D422	0.01			1				N			Third party validation not required
LPX-SD-4210-0015-01	ASTM D854	0.01			1				N			Third party validation not required
LPX-SD-4210-1523-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4210-1523-01	ASTM D4318	1			1				N			Third party validation not required
LPX-SD-4210-1523-01	ASTM D4318	1			1				N			Third party validation not required

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4218-0010-01
AMS Sample ID: 18445

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

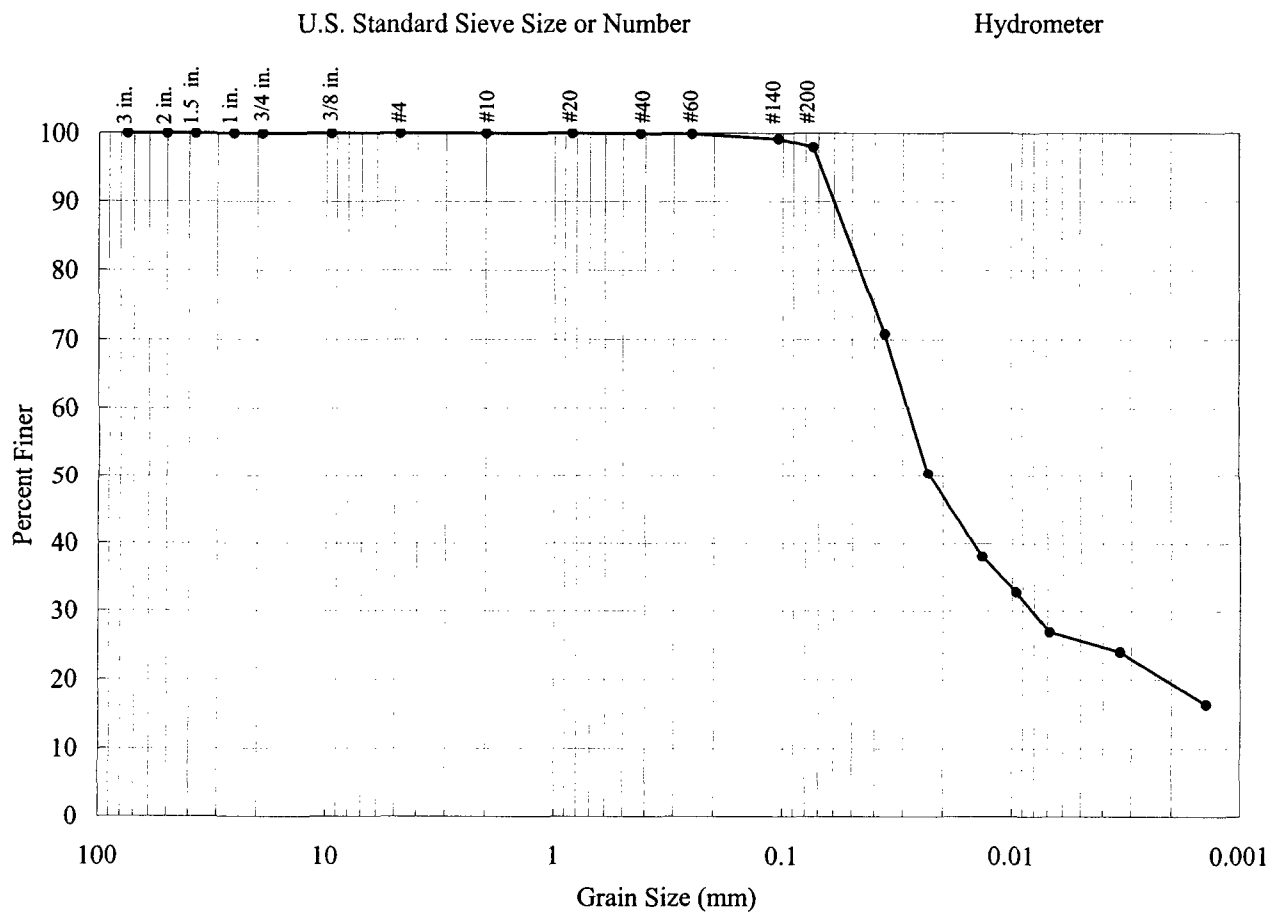
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Water Content	188	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	167	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	101	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	66	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.33	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	60.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	33.4	%		0.1	ASTM D2974	Sediment	7/8/2004

Quality Assurance: These analyses were performed in accordance with ASTM 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	0.07	2.00	72.57	25.37

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
188		167	101								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4218-0010-01
	AMS ID: 18445
AMS, Inc. Project Manager: KST	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4210-0005-01
AMS Sample ID: 18450

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

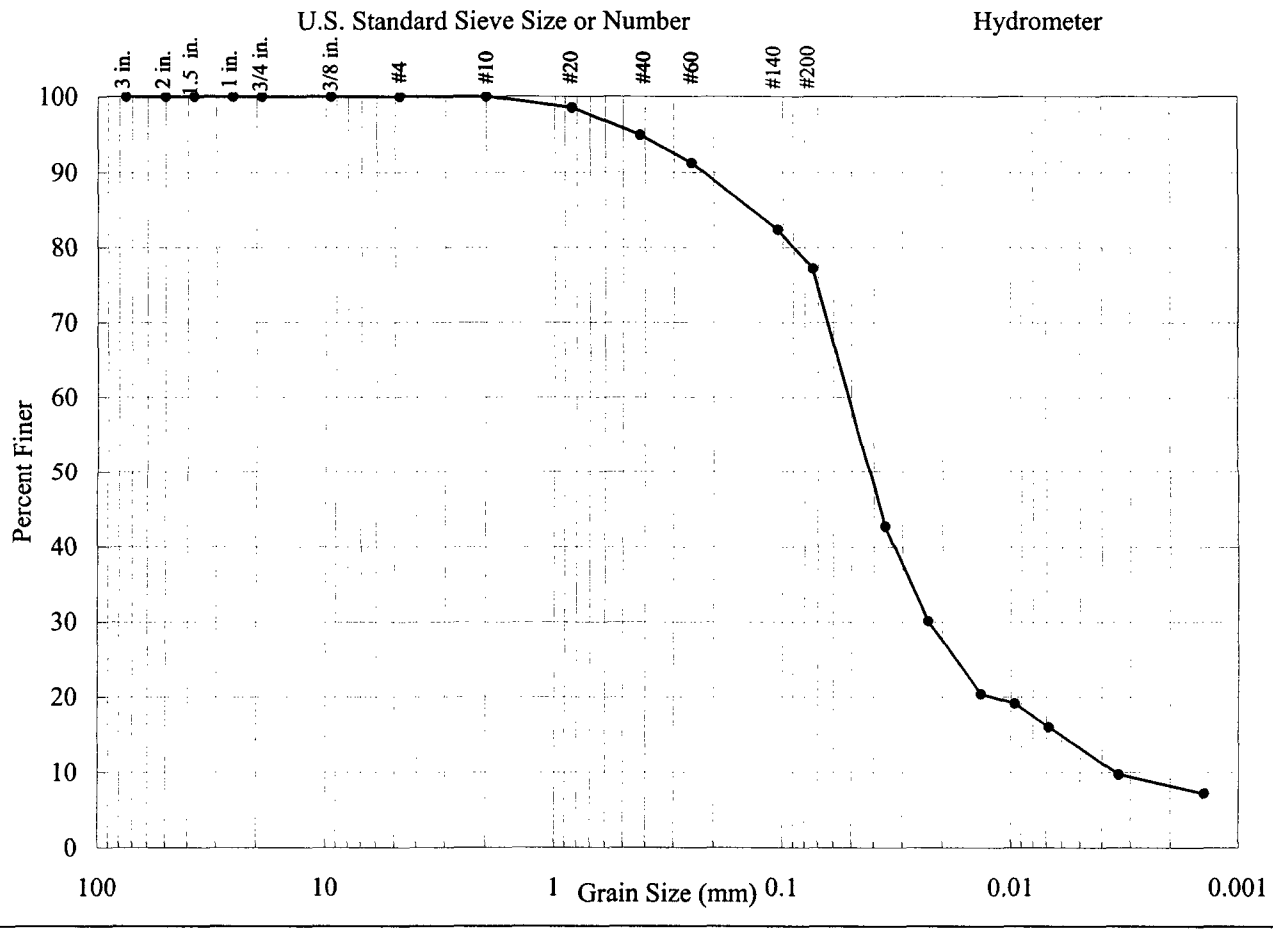
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	139	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	89	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	73	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	16	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	1.57	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	38.8	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	4.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	56.6	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	5.07	17.76	64.49	12.68

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
139		89	73								

Material Description	USCS
Organic Silt with Sand, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4210-0005-01
	AMS ID: 18450
AMS, Inc. Project Manager: KSA	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4209-0005-01
AMS Sample ID: 18452

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	124	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	59	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	56	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	3	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.35	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	54.4	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	39.0	%		0.1	ASTM D2974	Sediment	7/8/2004

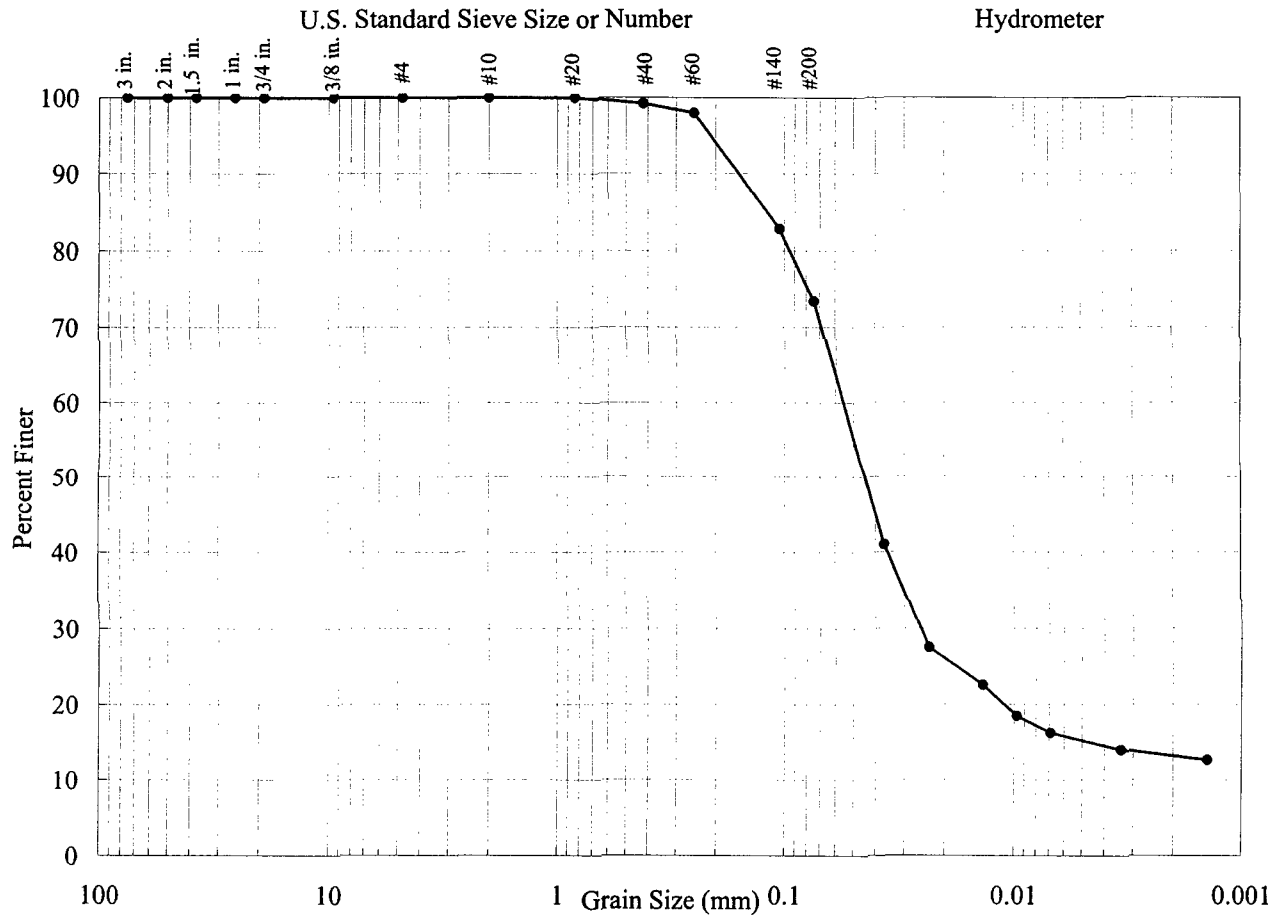
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.79	25.80	58.40	15.01

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
124		59	56								

Material Description	USCS
Organic Silt with Sand, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4209-0005-01
	AMS ID: 18452
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4220-0006-01
AMS Sample ID: 18455

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	152	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	53	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	52	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	1	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.32	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	42.4	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	9.2	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	48.4	%		0.1	ASTM D2974	Sediment	7/8/2004

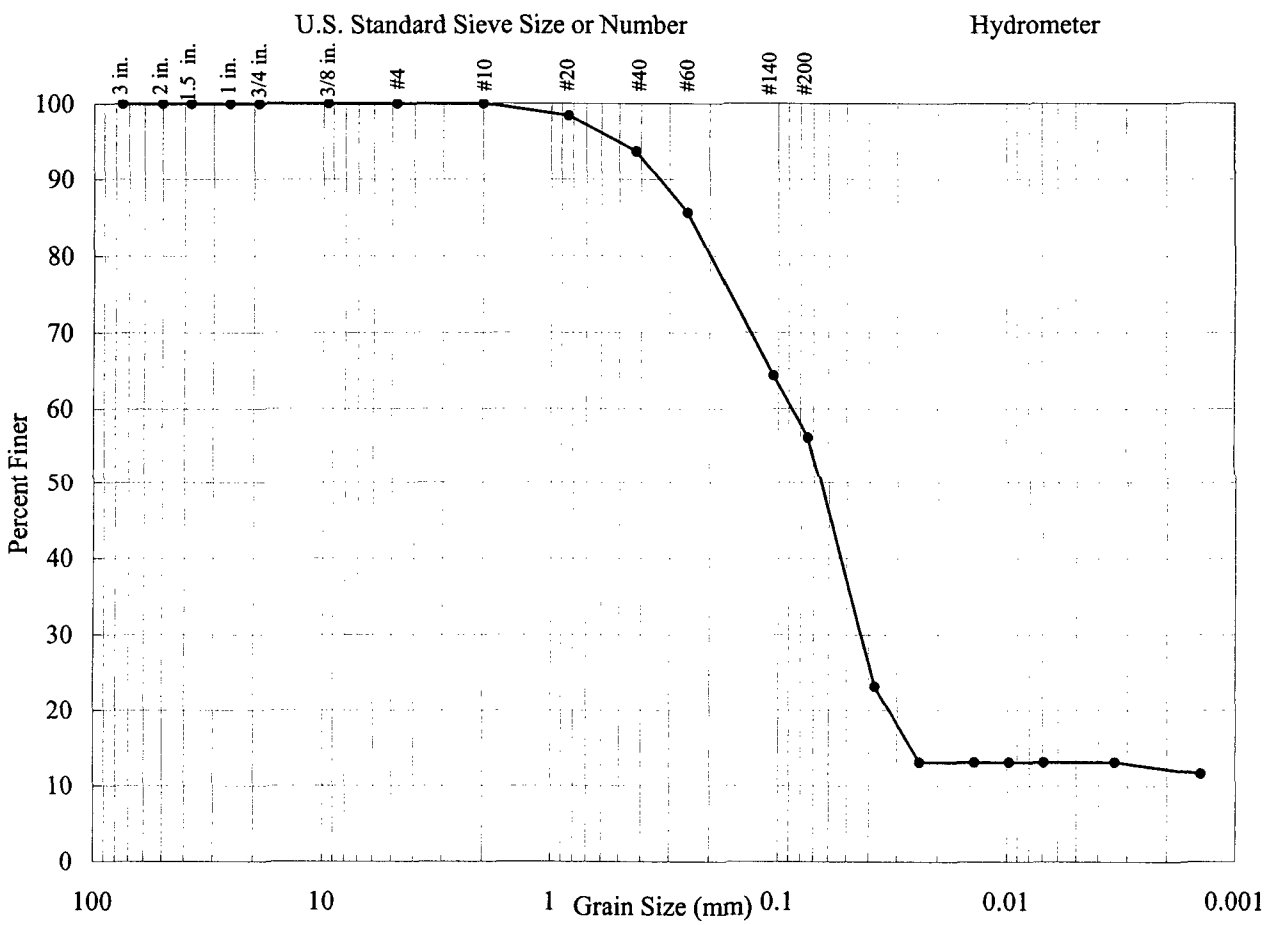
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	6.39	37.38	43.14	13.09

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
152		53	52								

Material Description	USCS
Sandy Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4220-0006-01
	AMS ID: 18455
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4204-0005-01/CMS-SD-4204-0510-01
AMS Sample ID: 18456/18457

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

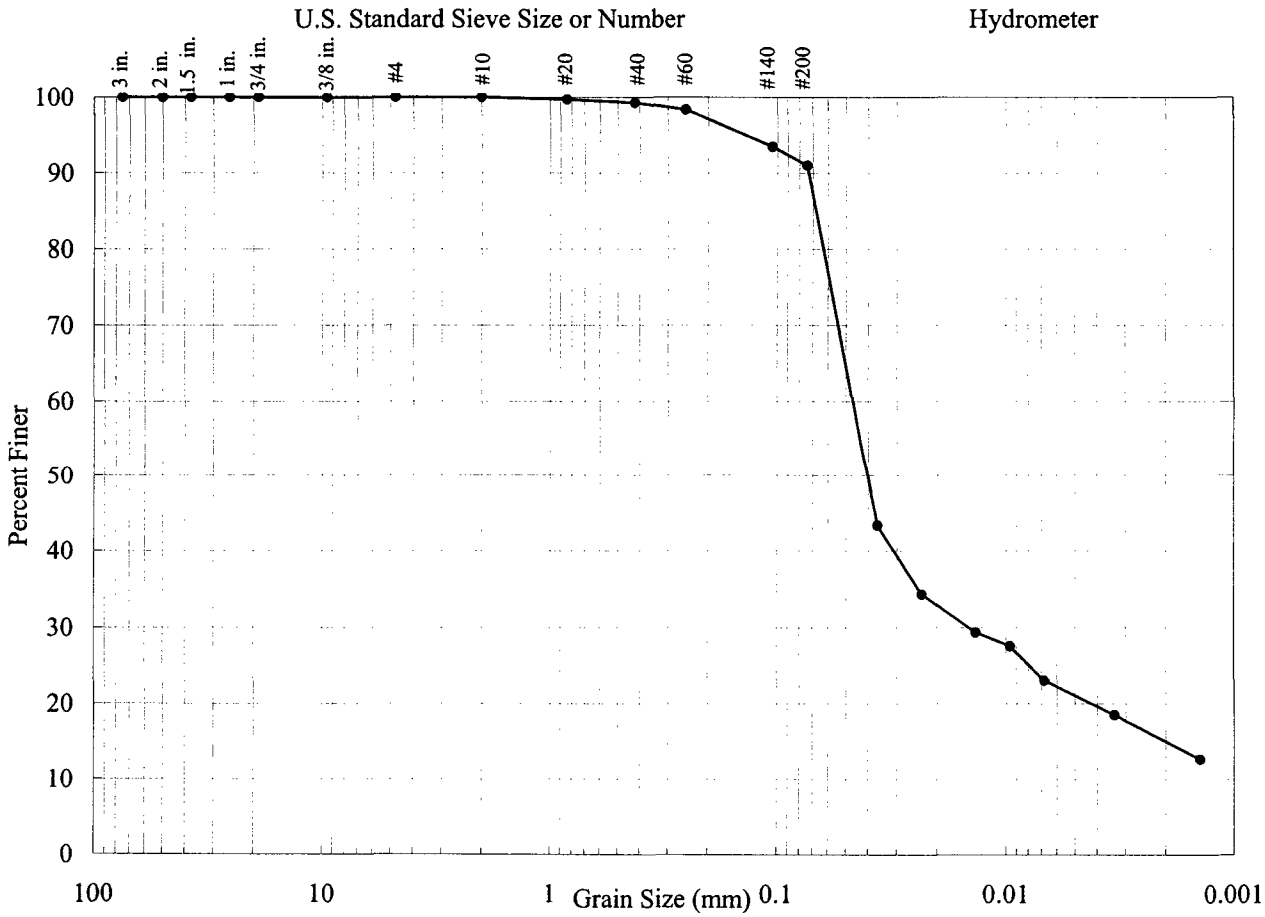
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	237	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	167	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	106	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	61	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	1.57	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	68.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	8.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	23.3	%		0.1	ASTM D2974	Sediment	7/8/2004

Quality Assurance: These analyses were performed in accordance with ASTM 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	0.00	0.75	8.24	70.37	20.64

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
237		167	106								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
CMS-SD-4204-0005-01/CMS-SD-4204-0510-01	AMS P/N: 2004-03-27
	Client ID:
	AMS ID: 18456/18457
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4222-0007-01
AMS Sample ID: 18464

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	212	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	2.28	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	67.4	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	4.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	27.7	%		0.1	ASTM D2974	Sediment	7/8/2004

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

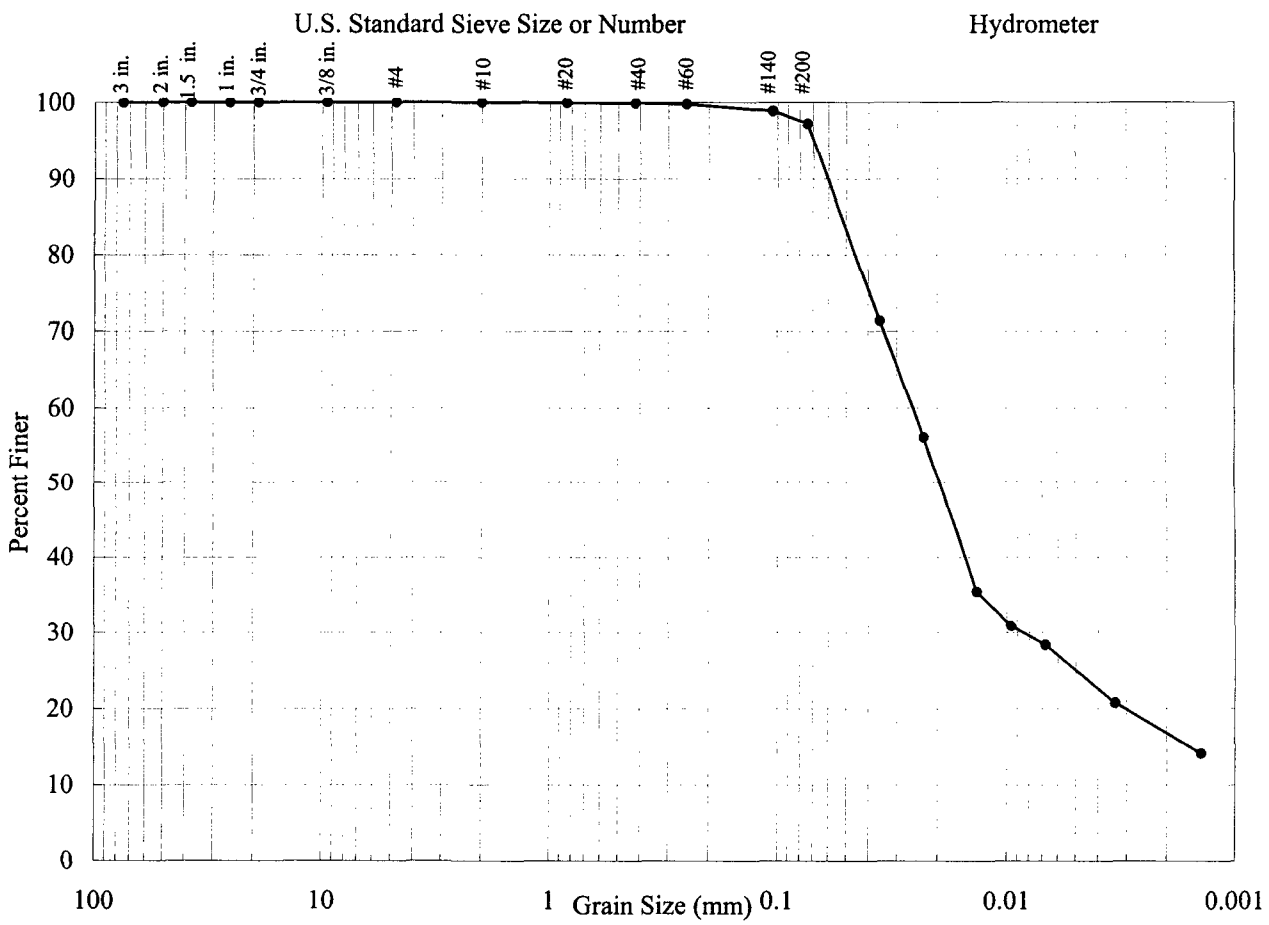
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ASTM D422 (Particle-Size Analysis of Soils)

% 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	0.00	0.11	2.62	72.91	24.36

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
212											

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4222-0007-01
	AMS ID: 18464
AMS, Inc. Project Manager: KSH	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4222-1025-01
AMS Sample ID: 18467

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	193	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	97	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	96	-		1	ASTM D4318	Sediment	6/28/2004
Moisture	67.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.8	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	26.6	%		0.1	ASTM D2974	Sediment	7/8/2004

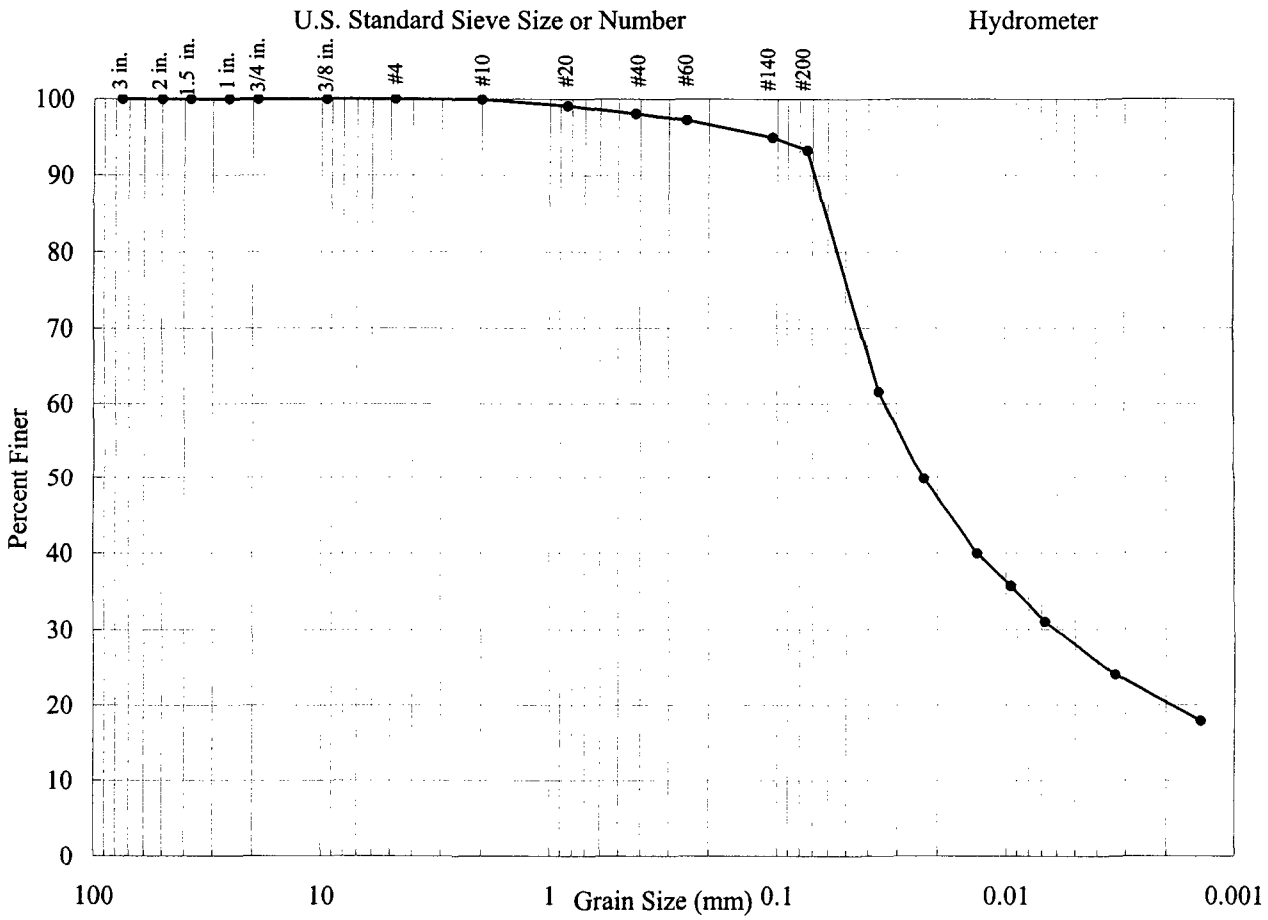
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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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	0.07	1.87	4.83	65.87	27.36

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
		193	97								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4222-1025-01
	AMS ID: 18467
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4217-0004-01
AMS Sample ID: 18469

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

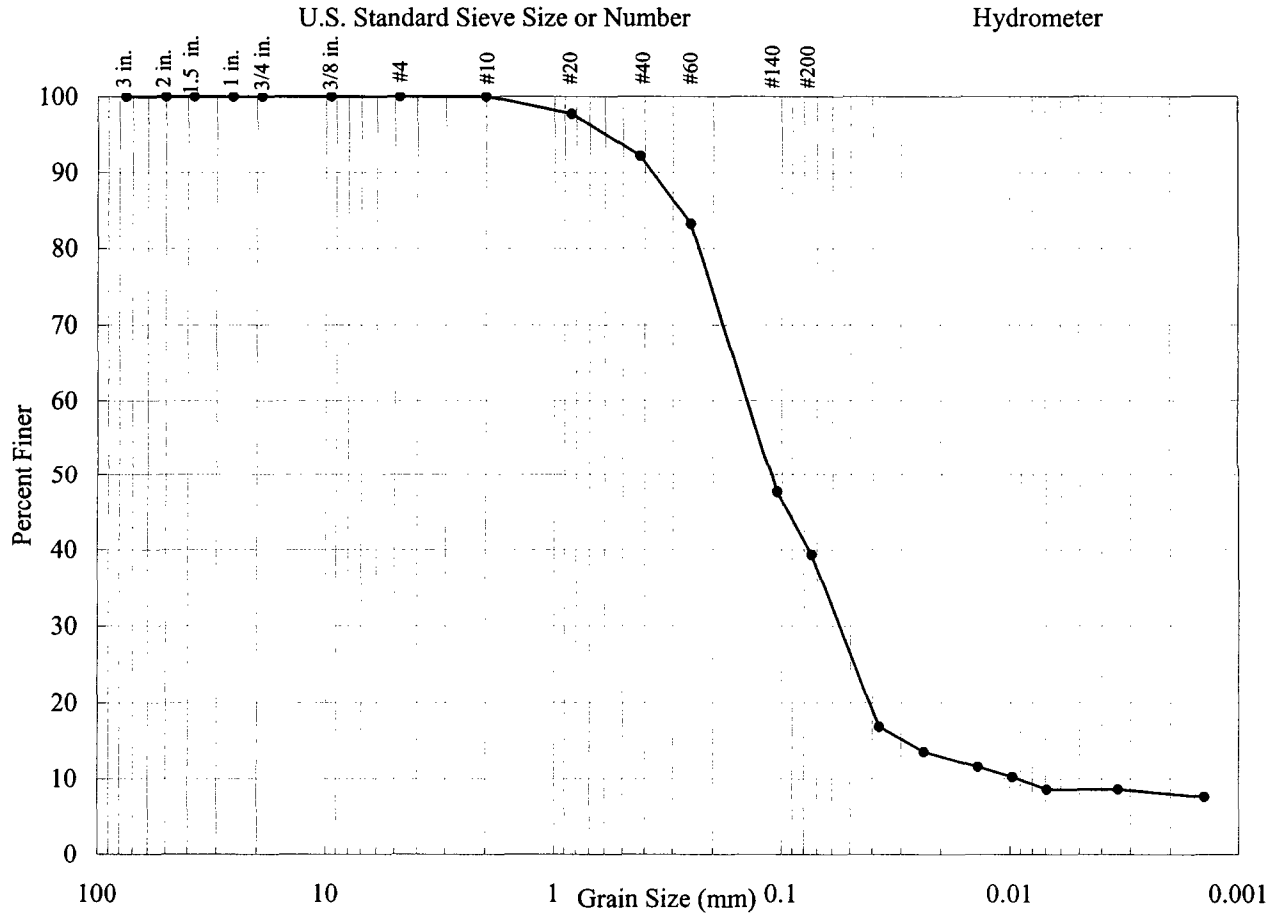
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	143	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	82	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	78	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	4	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.35	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	53.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	40.4	%		0.1	ASTM D2974	Sediment	7/8/2004

Quality Assurance: These analyses were performed in accordance with ASTM 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	0.00	7.86	52.79	30.77	8.58

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
143		82	78								

Material Description	USCS
Silty Sand, Dark Yellowish Brown (10YR 4/2)	SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4217-0004-01
	AMS ID: 18469
AMS, Inc. Project Manager: KSA	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4215-0012-01
AMS Sample ID: 18471

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

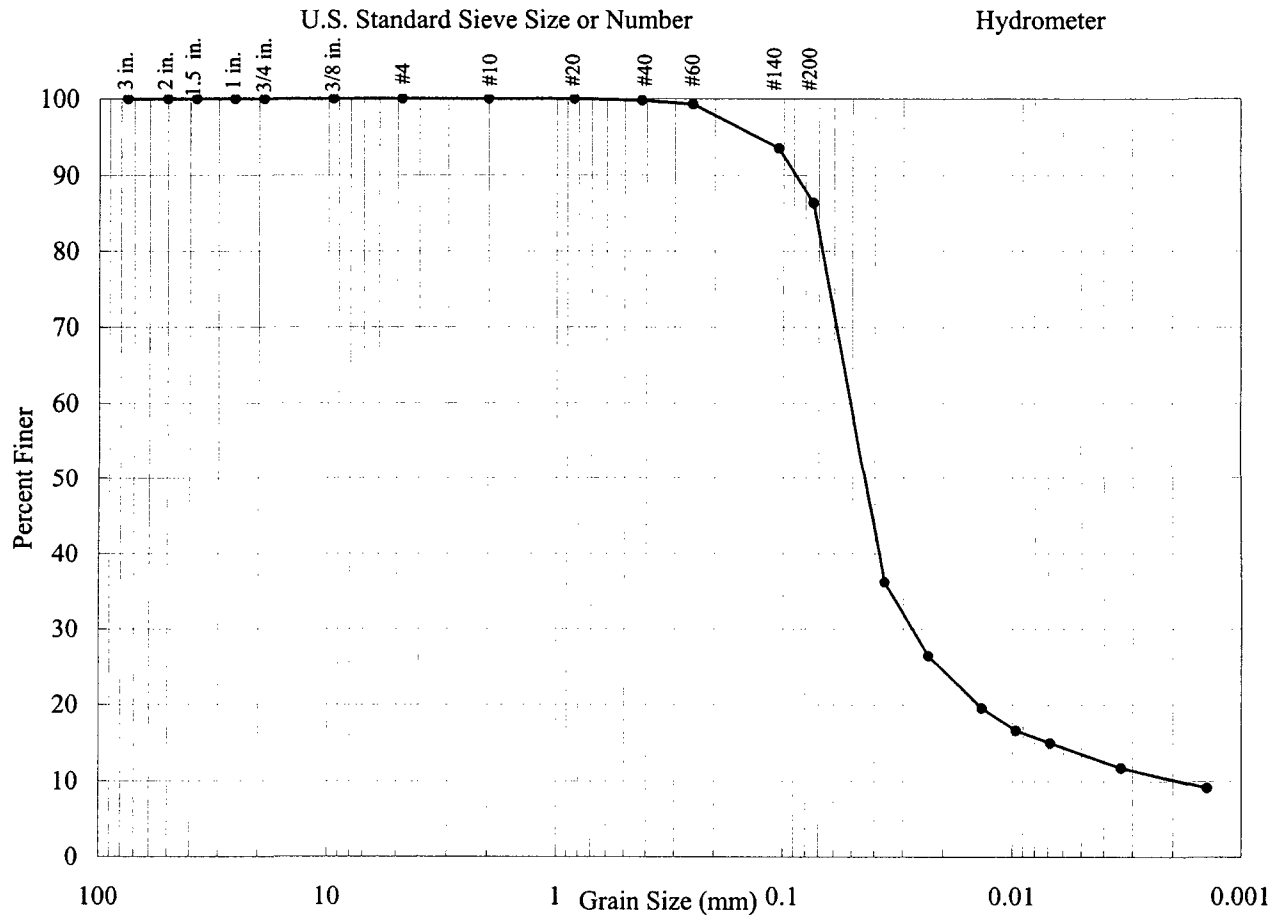
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	141	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	96	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	84	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	12	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.00	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	60.1	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.2	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	34.8	%		0.1	ASTM D2974	Sediment	7/8/2004

Quality Assurance: These analyses were performed in accordance with ASTM 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	0.00	0.24	13.40	73.09	13.27

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
141		96	84								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4215-0012-01
	AMS ID: 18471
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4219-0010-01
AMS Sample ID: 18474

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	204	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	1.88	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	63.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	7.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	29.1	%		0.1	ASTM D2974	Sediment	7/8/2004

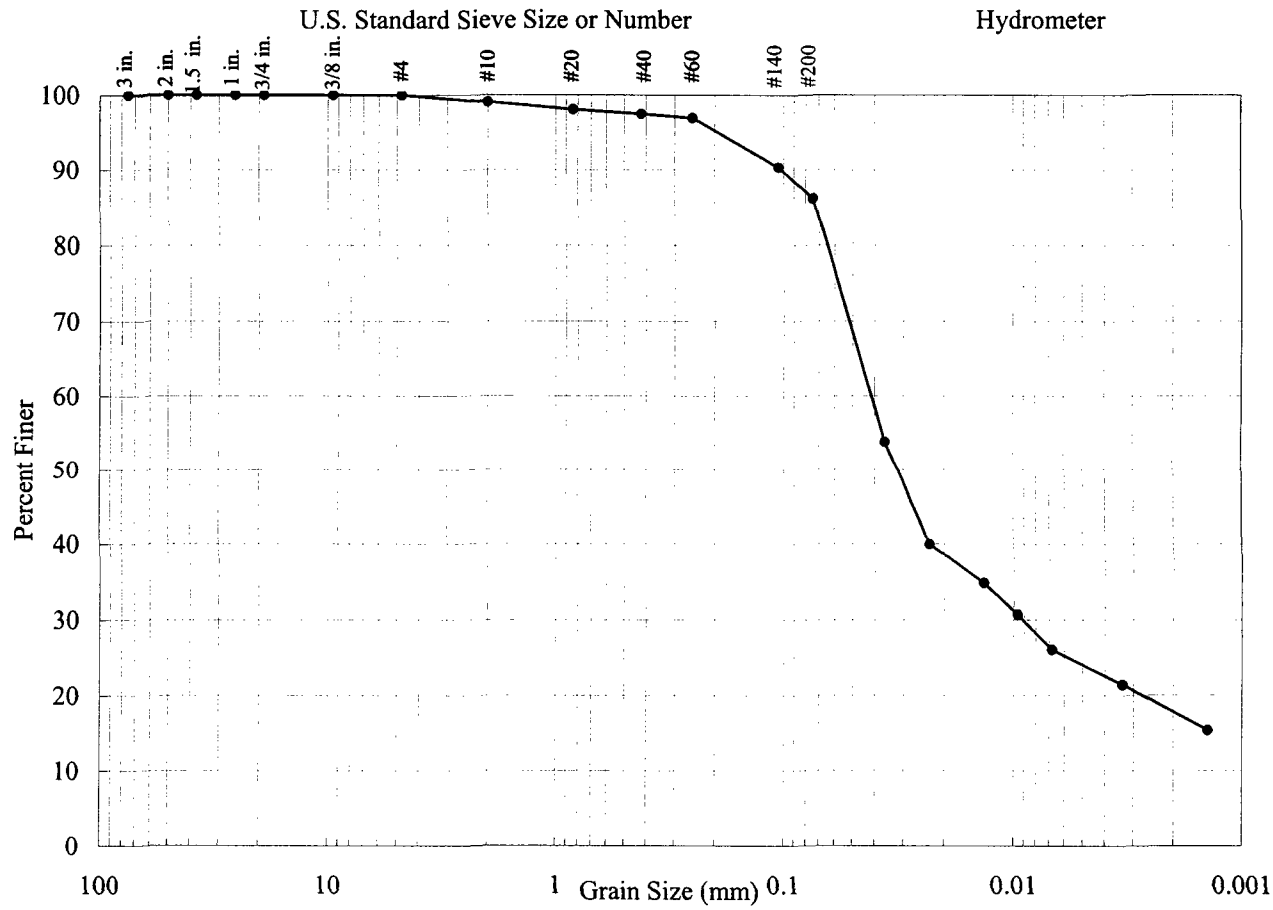
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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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	0.94	1.60	11.28	62.58	23.60

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
204											

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4219-0010-01
	AMS ID: 18474
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4209-0008-01
AMS Sample ID: 18475

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	321	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	2.42	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	73.5	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.1	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	21.4	%		0.1	ASTM D2974	Sediment	7/8/2004

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

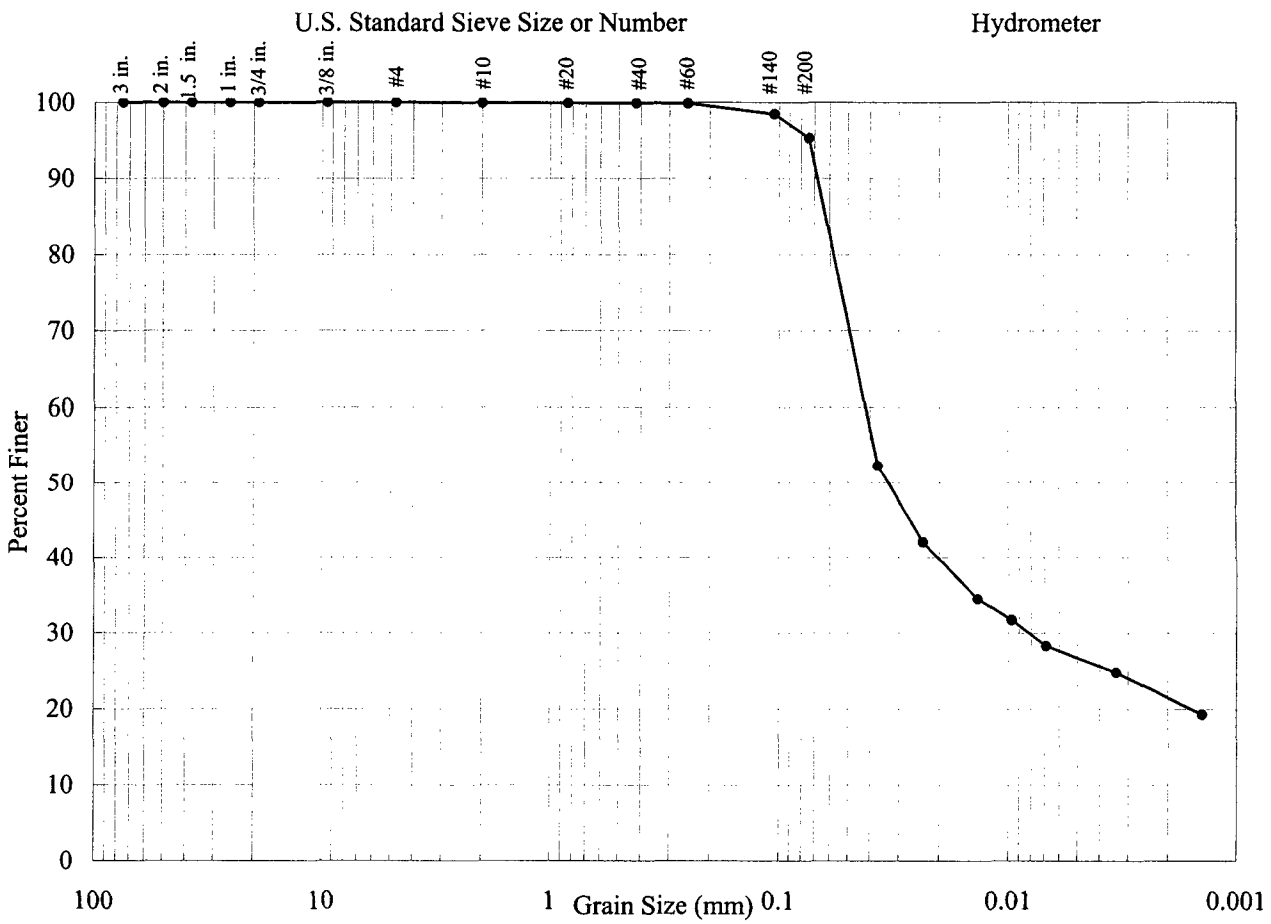
AMS, Inc. Project Manager

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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	0.08	0.03	4.61	68.86	26.42

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
321											

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4209-0008-01
	AMS ID: 18475
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4216-0020-01
AMS Sample ID: 18478

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	114	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	98	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	76	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	22	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.37	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	52.1	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	41.9	%		0.1	ASTM D2974	Sediment	7/8/2004

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

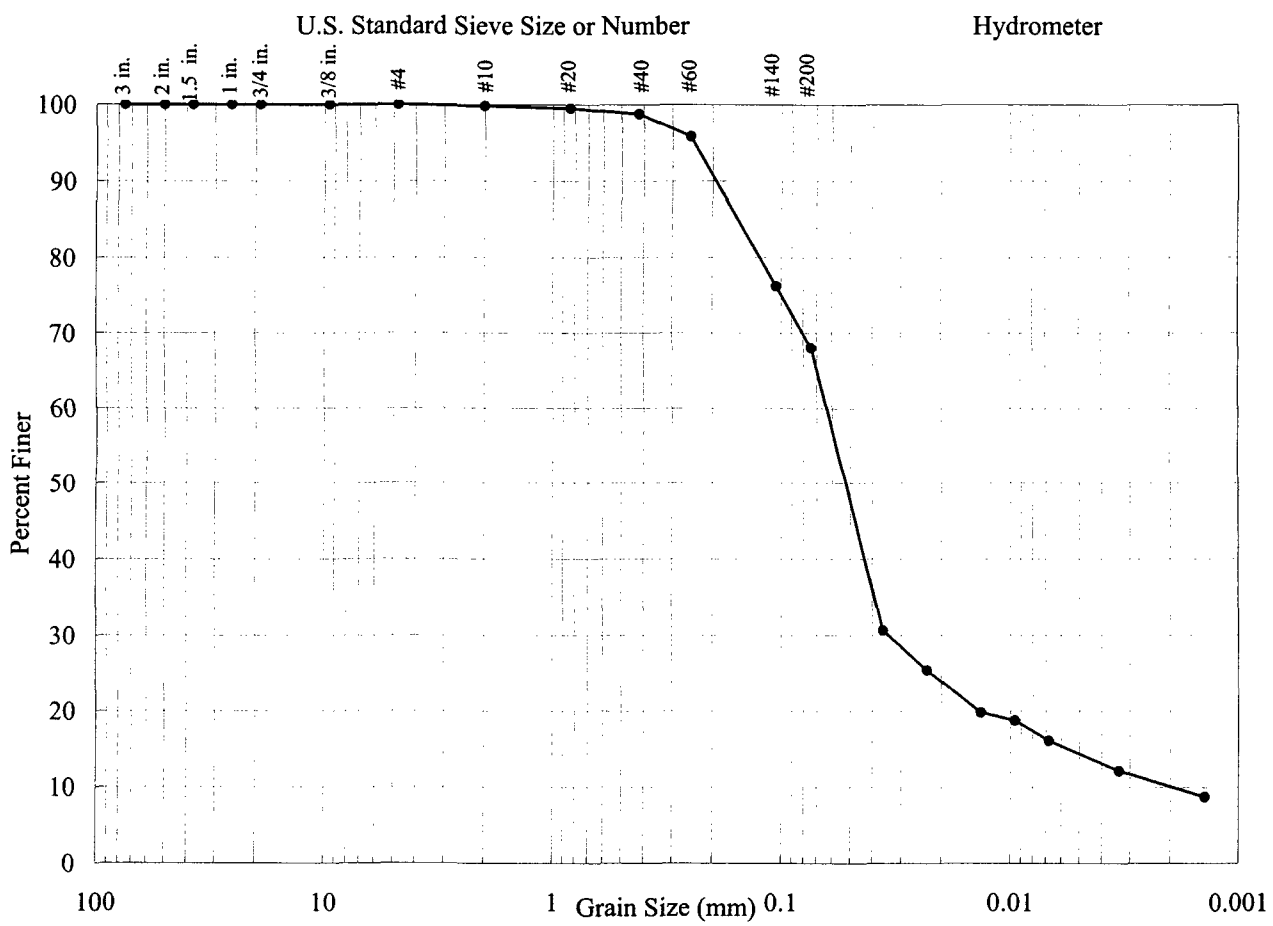
KSD

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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	0.20	1.06	30.71	53.99	14.04

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
114		98	76								

Material Description	USCS
Sandy Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4216-0020-01
	AMS ID: 18478
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4213-0825-01
AMS Sample ID: 18480

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

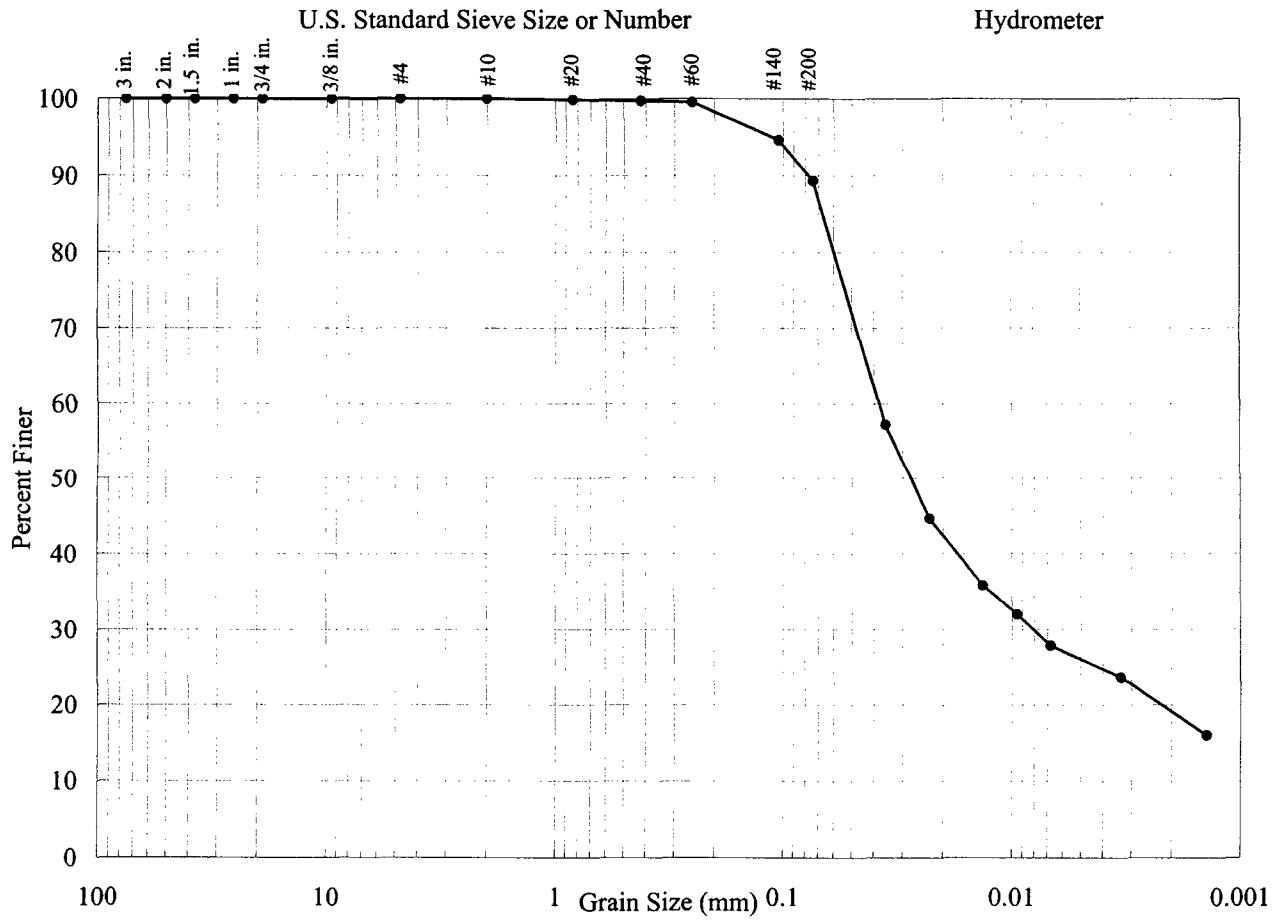
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Liquid Limit	103	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	91	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	12	-		1	ASTM D4318	Sediment	6/28/2004
Moisture	66.1	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.8	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	28.1	%		0.1	ASTM D2974	Sediment	7/8/2004

Quality Assurance: These analyses were performed in accordance with ASTM 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	0.29	10.39	63.70	25.62

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
		103	91								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4213-0825-01
	AMS ID: 18480
AMS, Inc. Project Manager: KSN	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4213-0508-01/CMS-SD-4213-0005-01
AMS Sample ID: 18481/18482

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

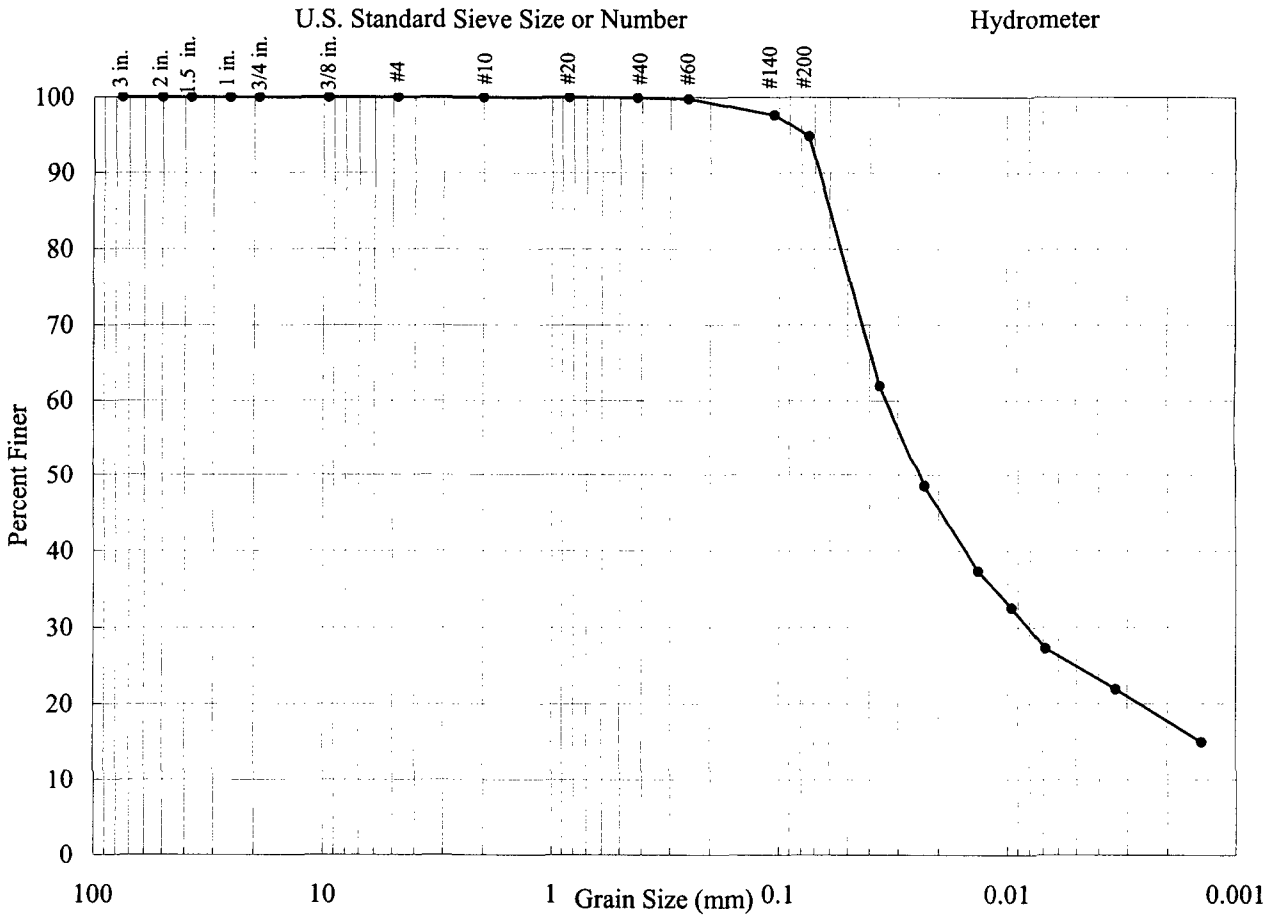
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	236	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	81	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	79	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	2	-		1	ASTM D4318	Sediment	6/28/2004
Specific Gravity	2.04	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	68.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	24.5	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	0.08	5.08	70.43	24.42

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
236		81	79								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
CMS-SD-4213-0508-01/CMS-SD-4213-0005-01	AMS P/N: 2004-03-27
	Client ID:
	AMS ID: 18481/18482
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4212-0007-01
AMS Sample ID: 18484

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

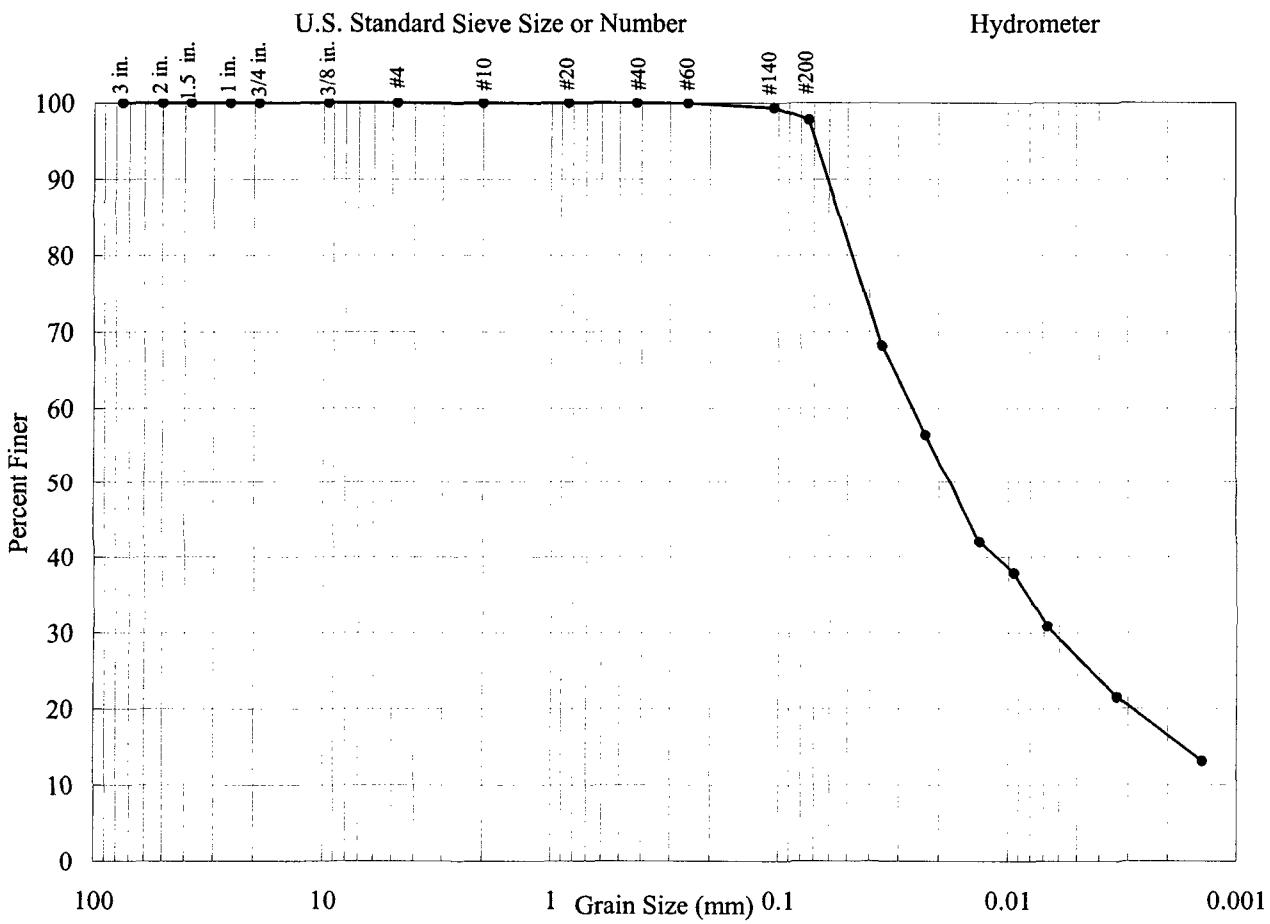
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	336	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	147	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	120	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	27	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.36	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	69.3	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.3	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	24.4	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	0.03	2.16	71.83	25.98

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
336		147	120								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4212-0007-01
	AMS ID: 18484
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

US EPA ARCHIVE DOCUMENT

Applied Marine Sciences, Inc.

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4204-0018-01
AMS Sample ID: 18488

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	216	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	164	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	90	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	74	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.29	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	67.4	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	4.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	27.7	%		0.1	ASTM D2974	Sediment	7/8/2004

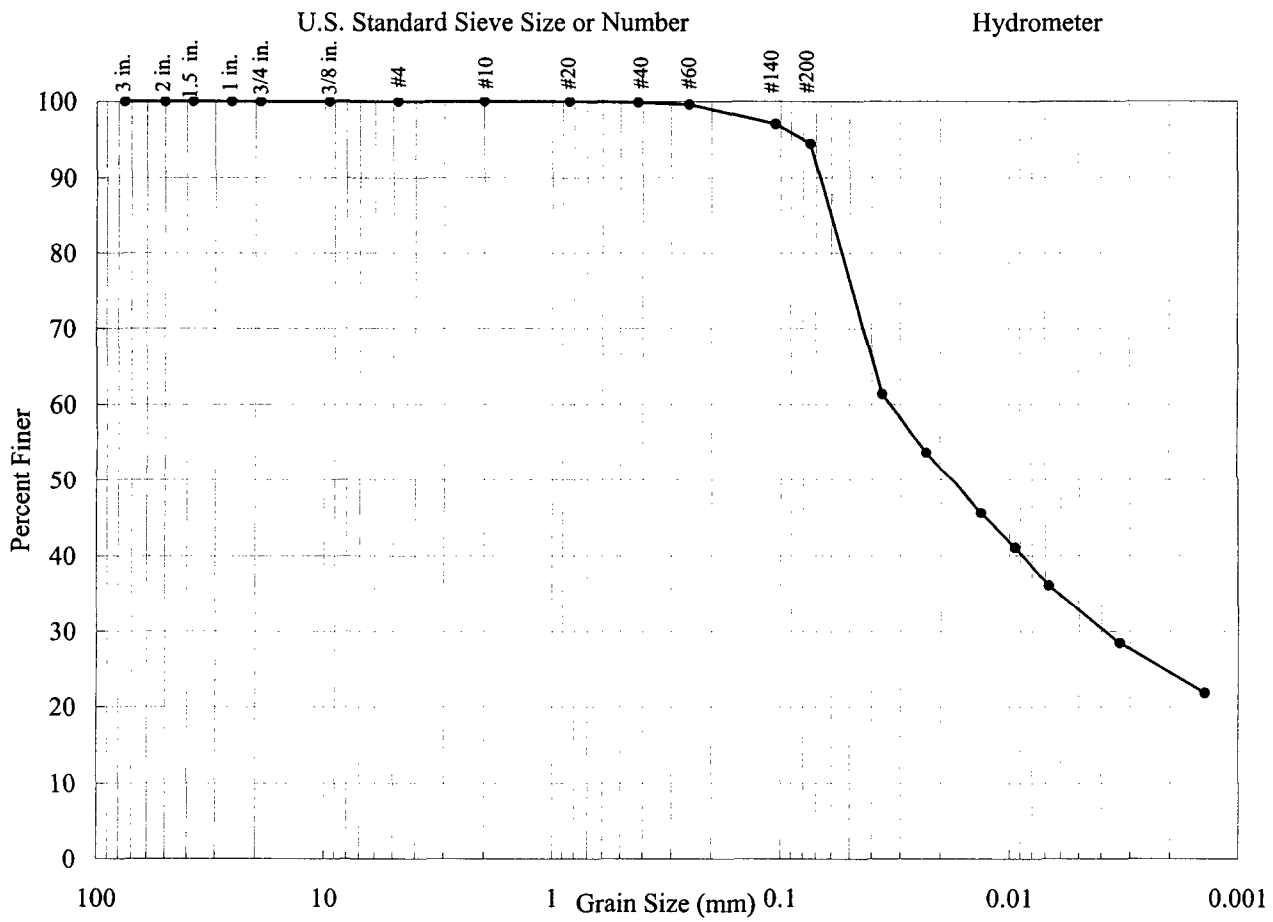
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.16	5.42	62.32	32.11

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
216		164	90								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4204-0018-01
	AMS ID: 18488
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4205-0015-01
AMS Sample ID: 18492

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

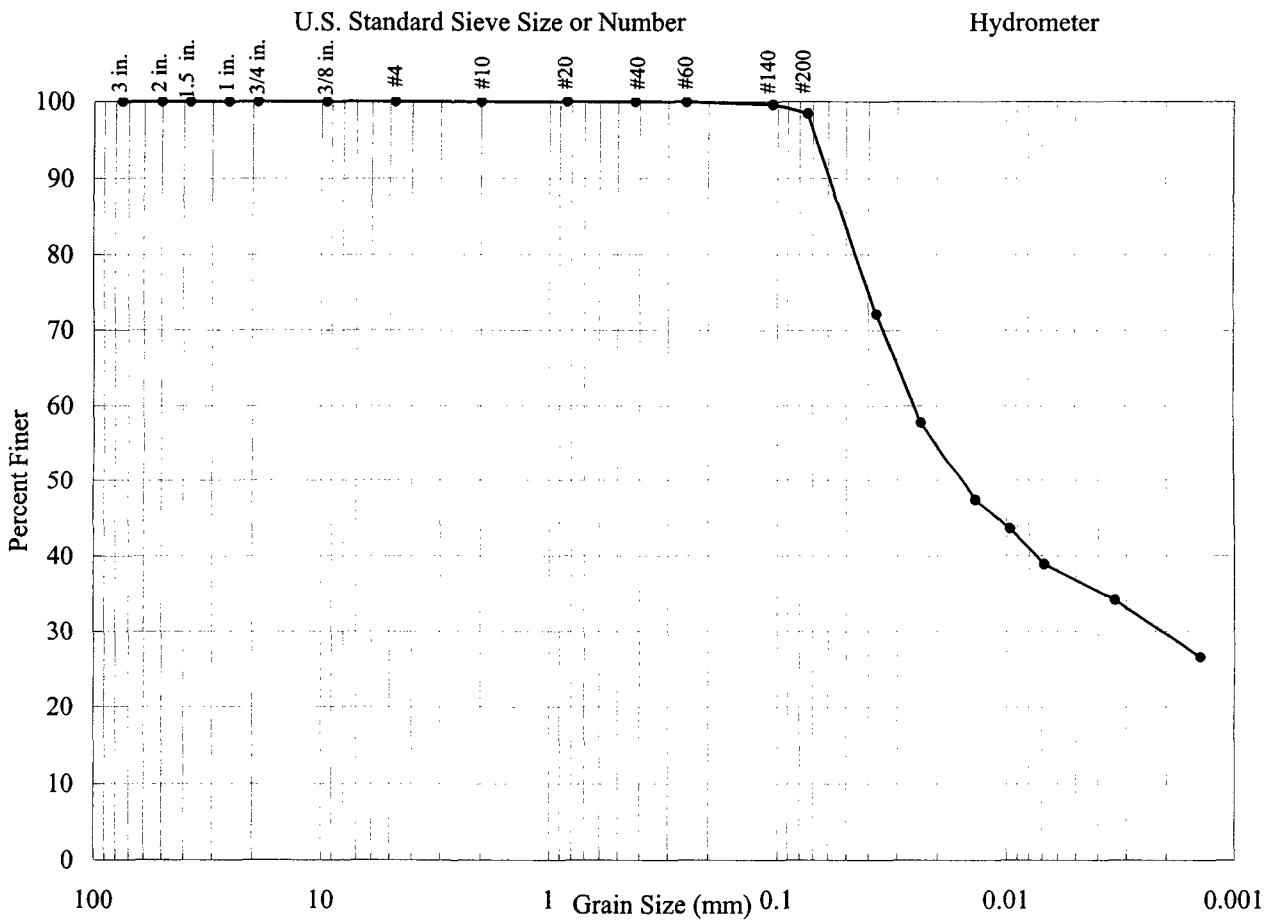
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	387	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	113	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	90	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	23	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.91	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	77.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	18.0	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	0.00	1.53	62.10	36.36

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
387		113	90								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4205-0015-01
	AMS ID: 18492
AMS, Inc. Project Manager:	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4205-1523-01
AMS Sample ID: 18493

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

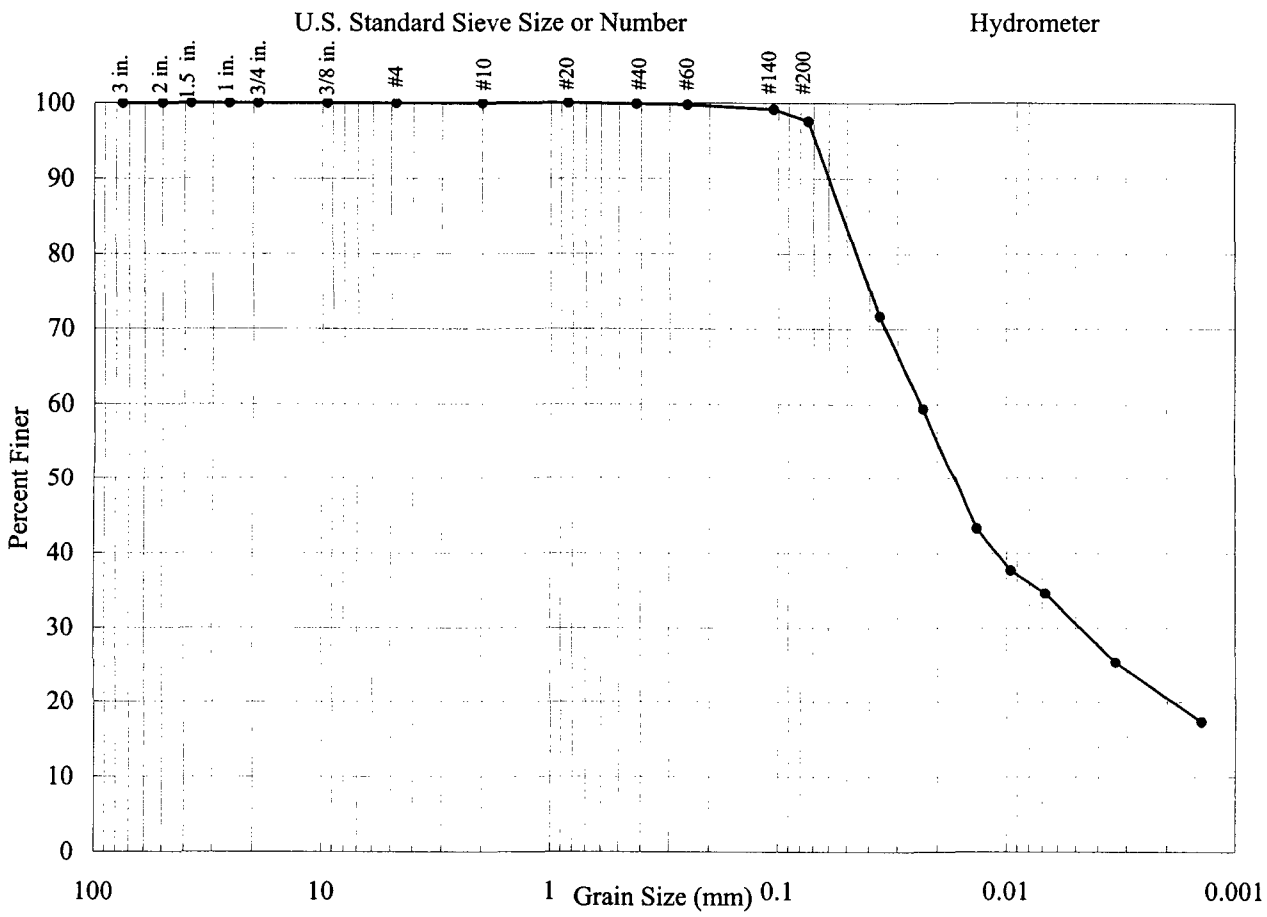
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	200	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	157	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	96	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	61	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.26	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	65.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	4.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	29.5	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	0.12	2.29	67.83	29.76

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
200		157	96								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4205-1523-01
	AMS ID: 18493
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4206-0009-01
AMS Sample ID: 18498

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	258	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	178	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	85	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	93	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.87	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	68.3	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.3	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	26.4	%		0.1	ASTM D2974	Sediment	7/8/2004

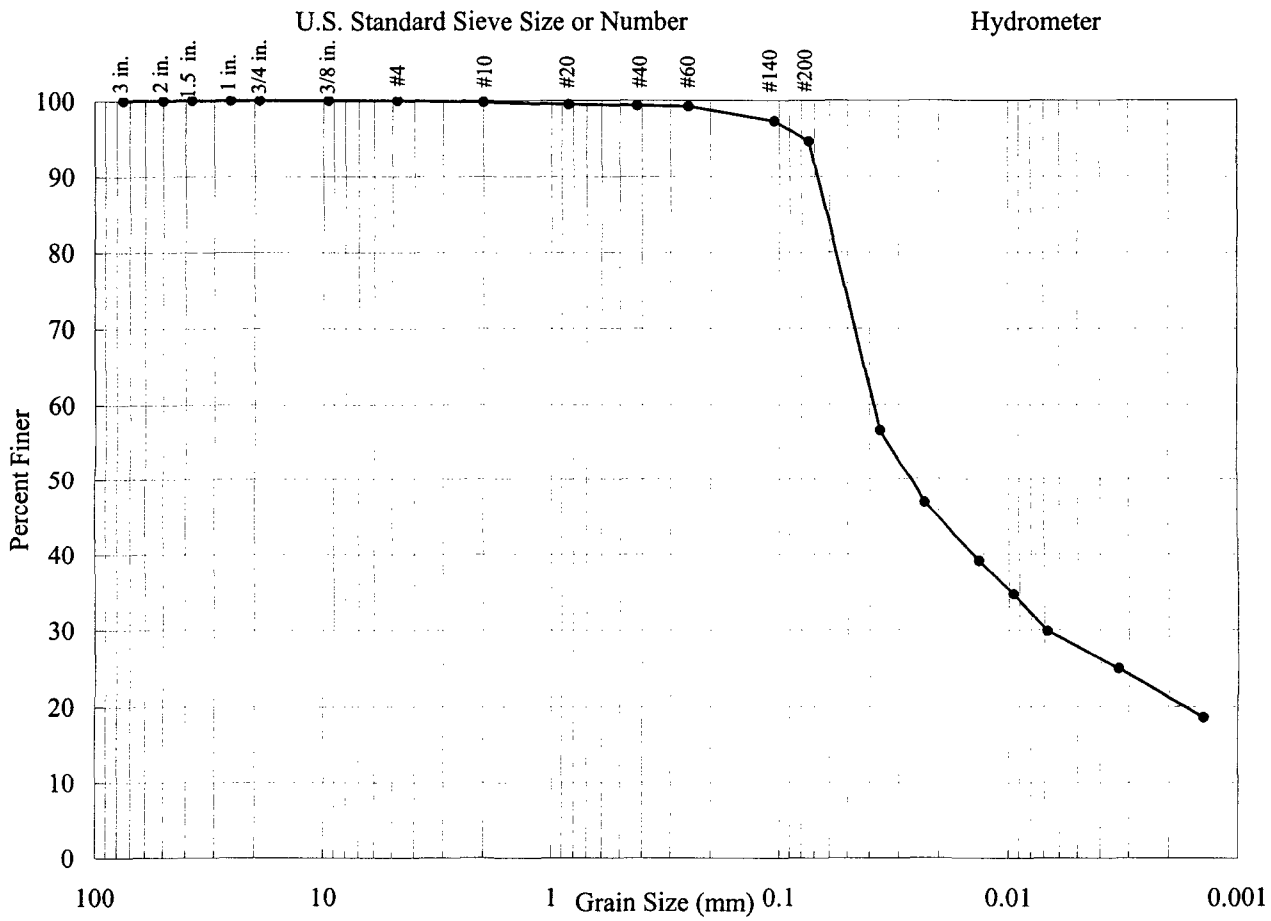
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.23	0.45	4.74	67.30	27.28

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
258		178	85								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4206-0009-01
	AMS ID: 18498
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

Applied Marine Sciences, Inc.

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4211-0005-01
AMS Sample ID: 18500

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	251	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	109	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	103	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	6	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.97	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	65.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.3	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	28.0	%		0.1	ASTM D2974	Sediment	7/8/2004

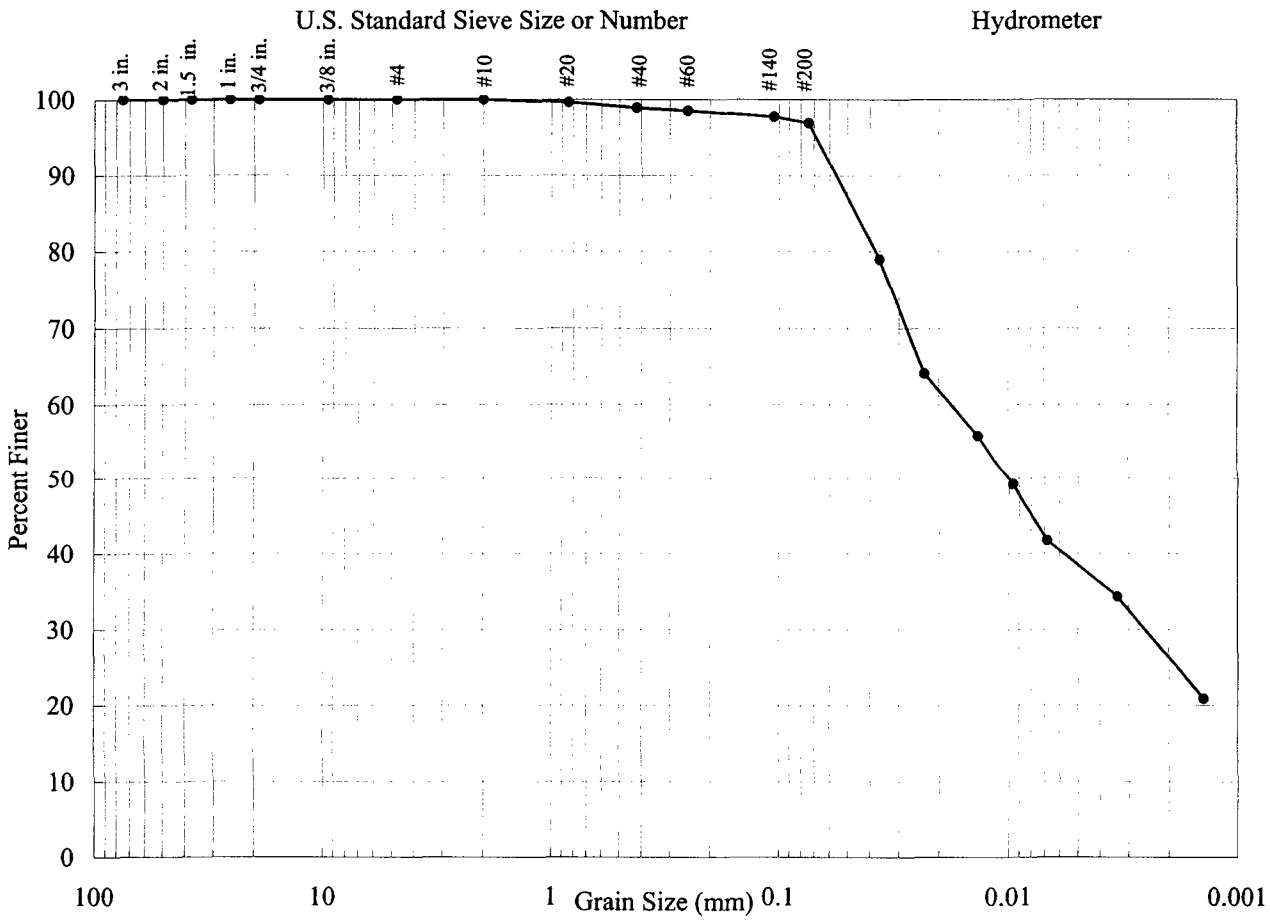
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.00	1.12	1.97	59.07	37.84

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
251		109	103								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4211-0005-01
	AMS ID: 18500
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4209-0510-01
AMS Sample ID: 18504

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

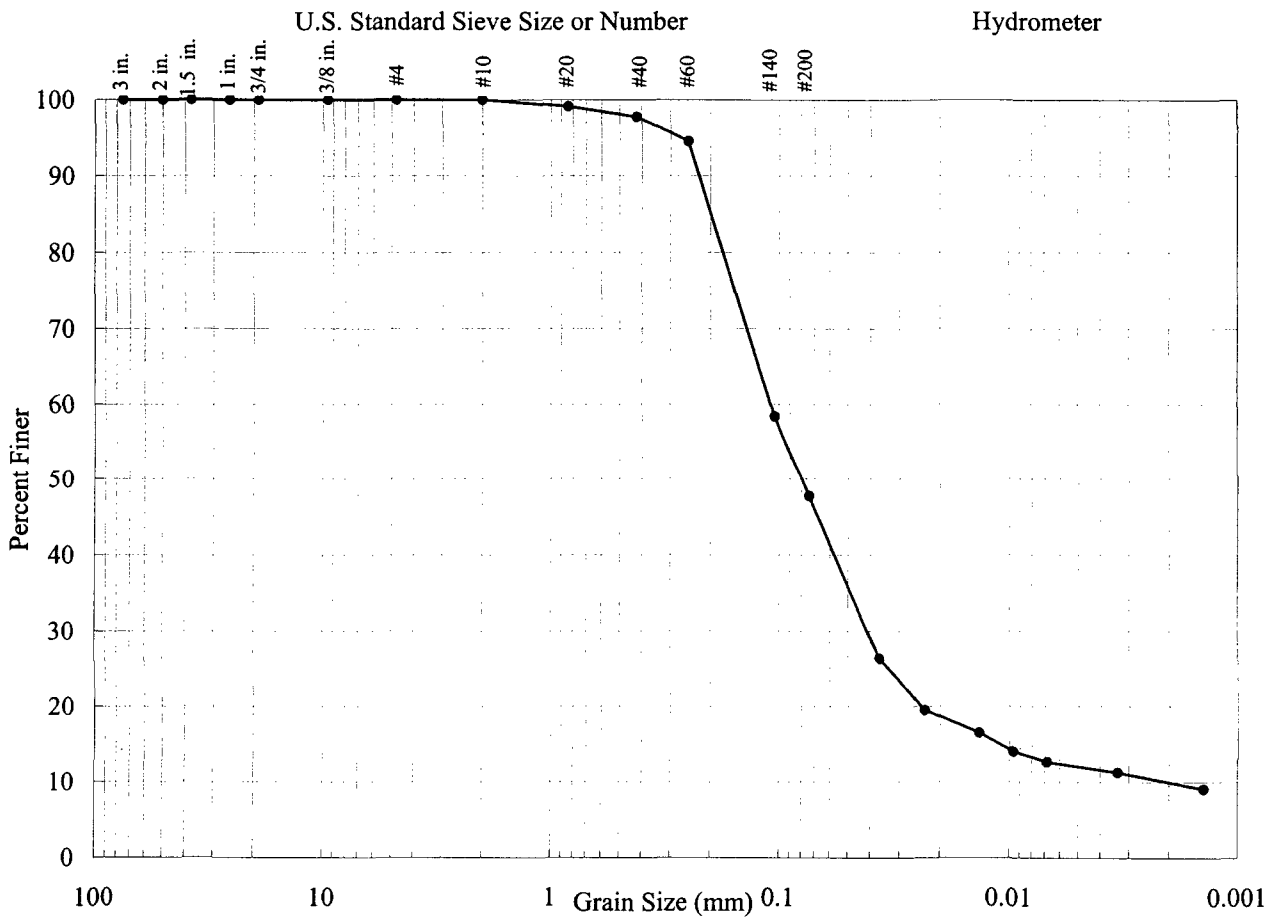
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	98	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	64	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	61	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	3	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.09	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	42.8	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	51.6	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	2.26	50.07	35.77	11.90

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
98		64	61								

Material Description	USCS
Silty Sand, Dark Yellowish Brown (10YR 4/2)	SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4209-0510-01
	AMS ID: 18504
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4221-0626-01
AMS Sample ID: 18509

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

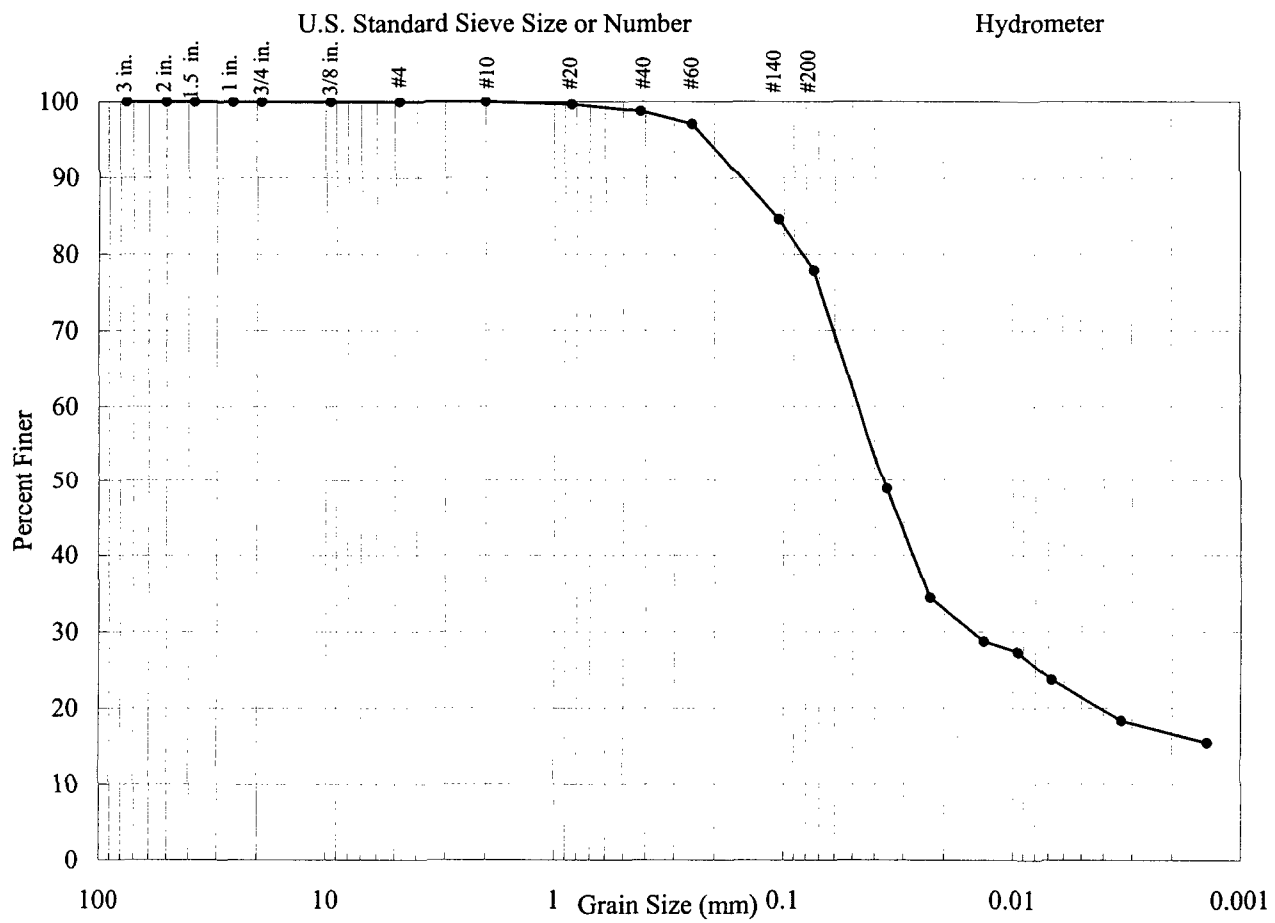
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	142	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	129	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	93	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	36	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.97	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	60.2	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.2	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	33.6	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.00	1.24	20.90	56.95	20.90

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
142		129	93								

Material Description	USCS
Organic Silt with Sand, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4221-0626-01
	AMS ID: 18509
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4208-1125-01
AMS Sample ID: 18513

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	223	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	61	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	54	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	7	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.10	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	67.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.2	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	27.8	%		0.1	ASTM D2974	Sediment	7/8/2004

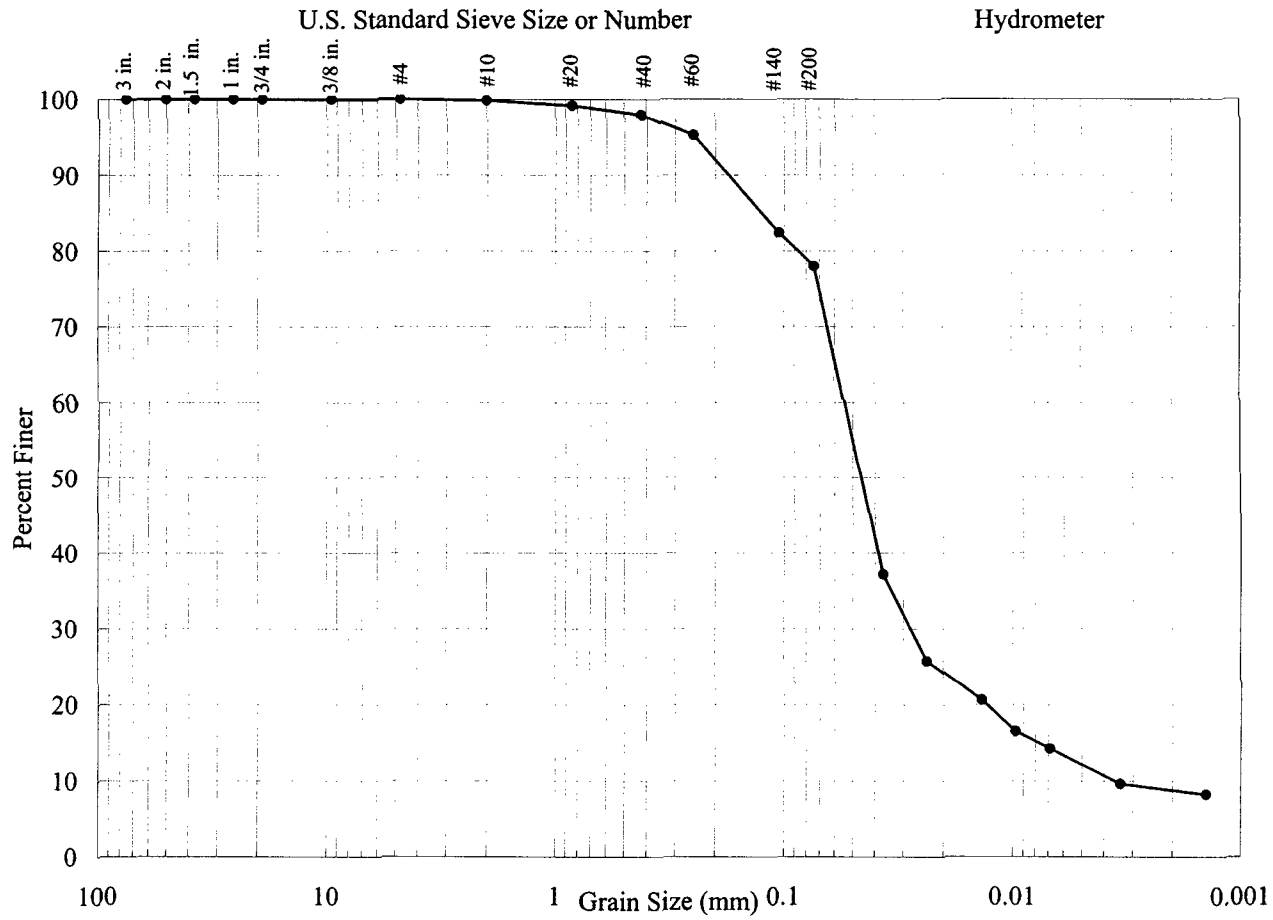
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.16	1.89	19.96	66.25	11.74

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
223		61	54								

Material Description	USCS
Organic Silt with Sand, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4208-1125-01
	AMS ID: 18513
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4208-0011-01
AMS Sample ID: 18515

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

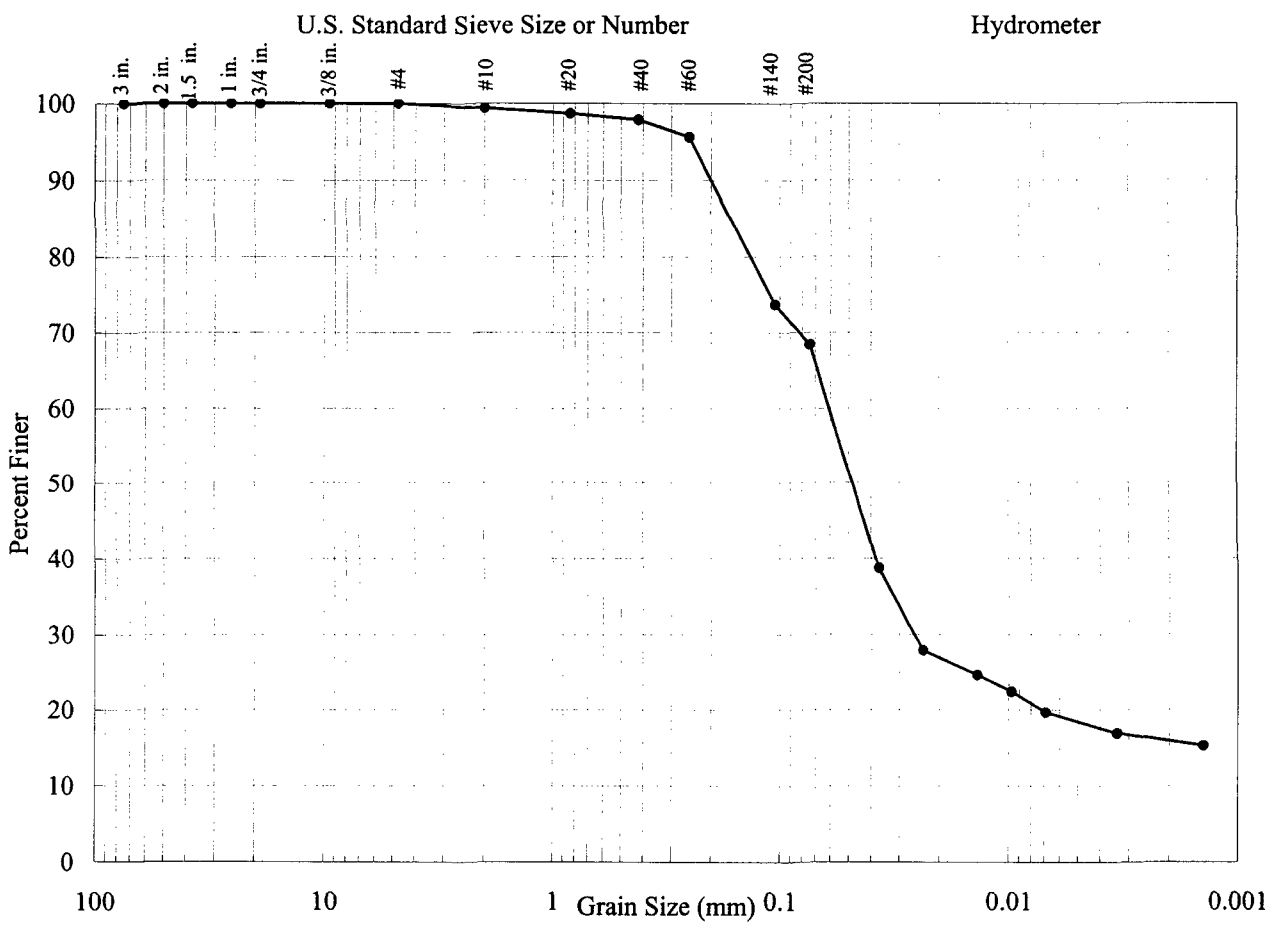
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	214	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	79	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	67	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	12	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.22	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	66.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	27.8	%		0.1	ASTM D2974	Sediment	7/8/2004

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

AMS, Inc. Project Manager

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	0.60	1.53	29.43	50.26	18.17

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
214		79	67								

Material Description	USCS
Sandy Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4208-0011-01
	AMS ID: 18515
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4206-0510-01/CMS-SD-4206-1015-01
AMS Sample ID: 18524/18525

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	334	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	174	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	171	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	3	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.97	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	75.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	18.4	%		0.1	ASTM D2974	Sediment	7/8/2004

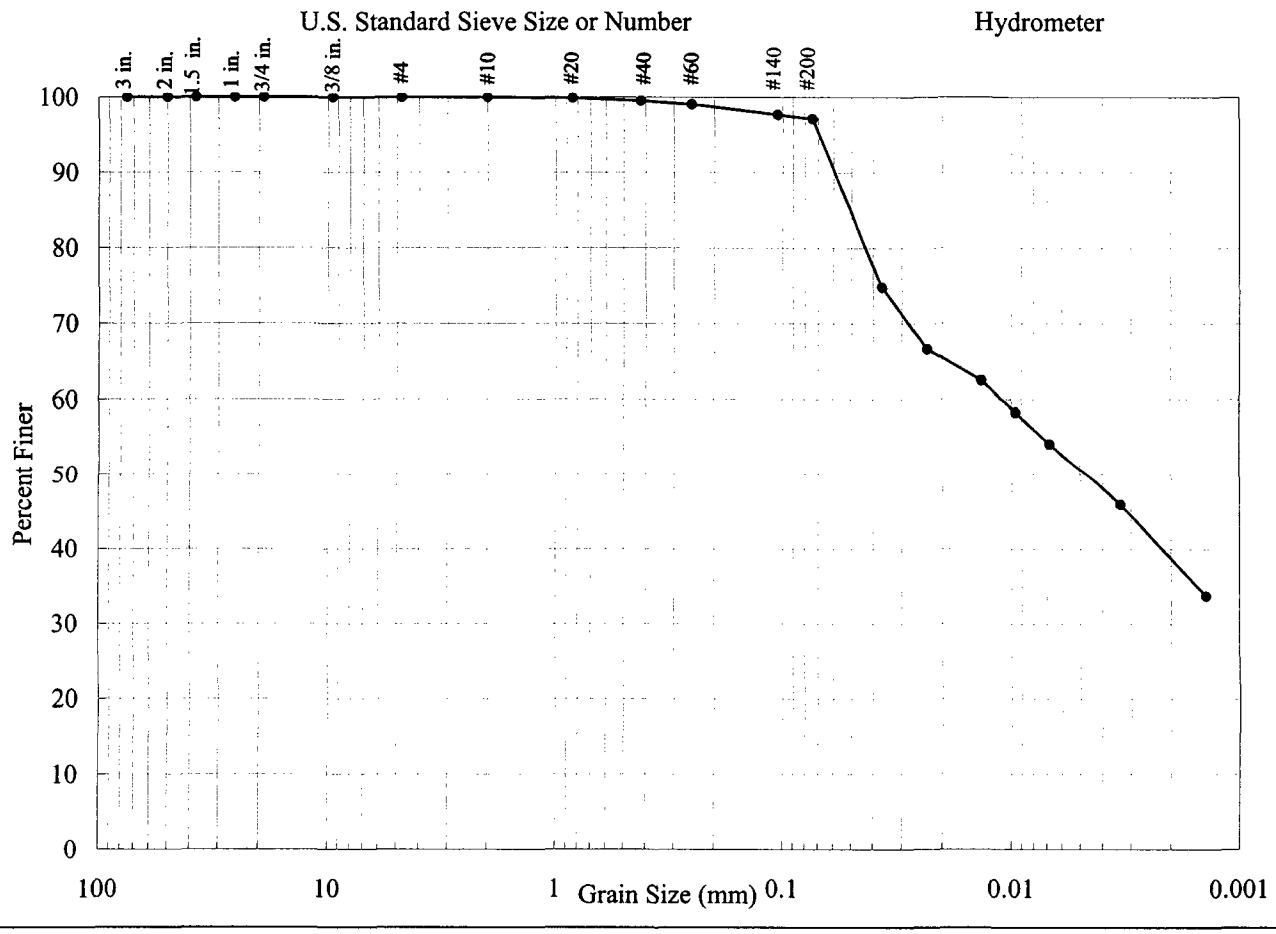
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.49	2.40	47.11	50.01

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
334		174	171								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	AMS P/N: 2004-03-27
	Client ID:
	AMS ID: 18524/18525
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4203-0012-01
AMS Sample ID: 18528

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

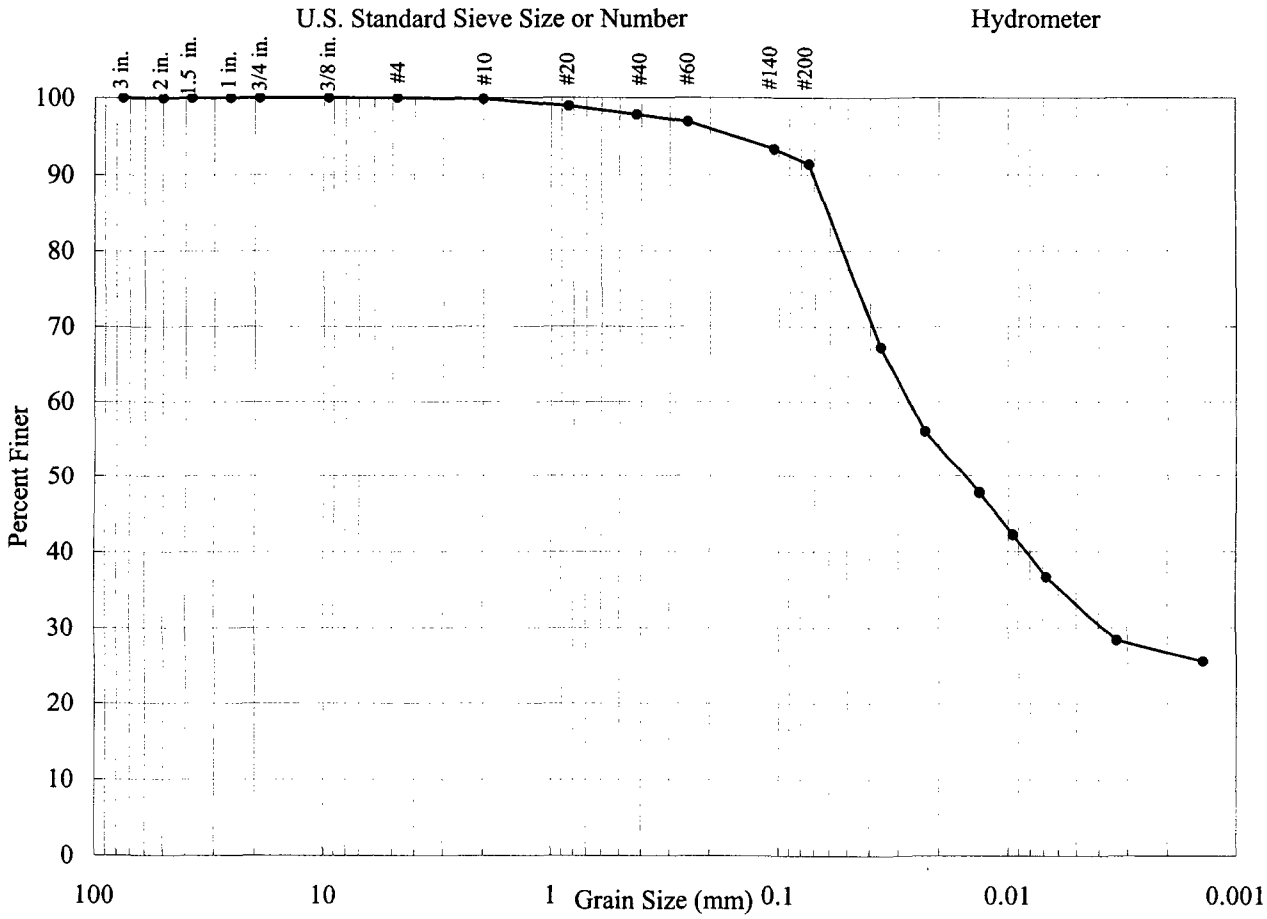
Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	221	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	186	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	94	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	92	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.23	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	66.9	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	27.4	%		0.1	ASTM D2974	Sediment	7/8/2004

Quality Assurance: These analyses were performed in accordance with ASTM 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	0.16	2.04	6.42	59.02	32.36

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
221		186	94								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4203-0012-01
	AMS ID: 18528
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4201-1031-01
AMS Sample ID: 18531

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	222	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	273	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	168	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	105	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.92	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	71.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	8.5	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	19.9	%		0.1	ASTM D2974	Sediment	7/8/2004

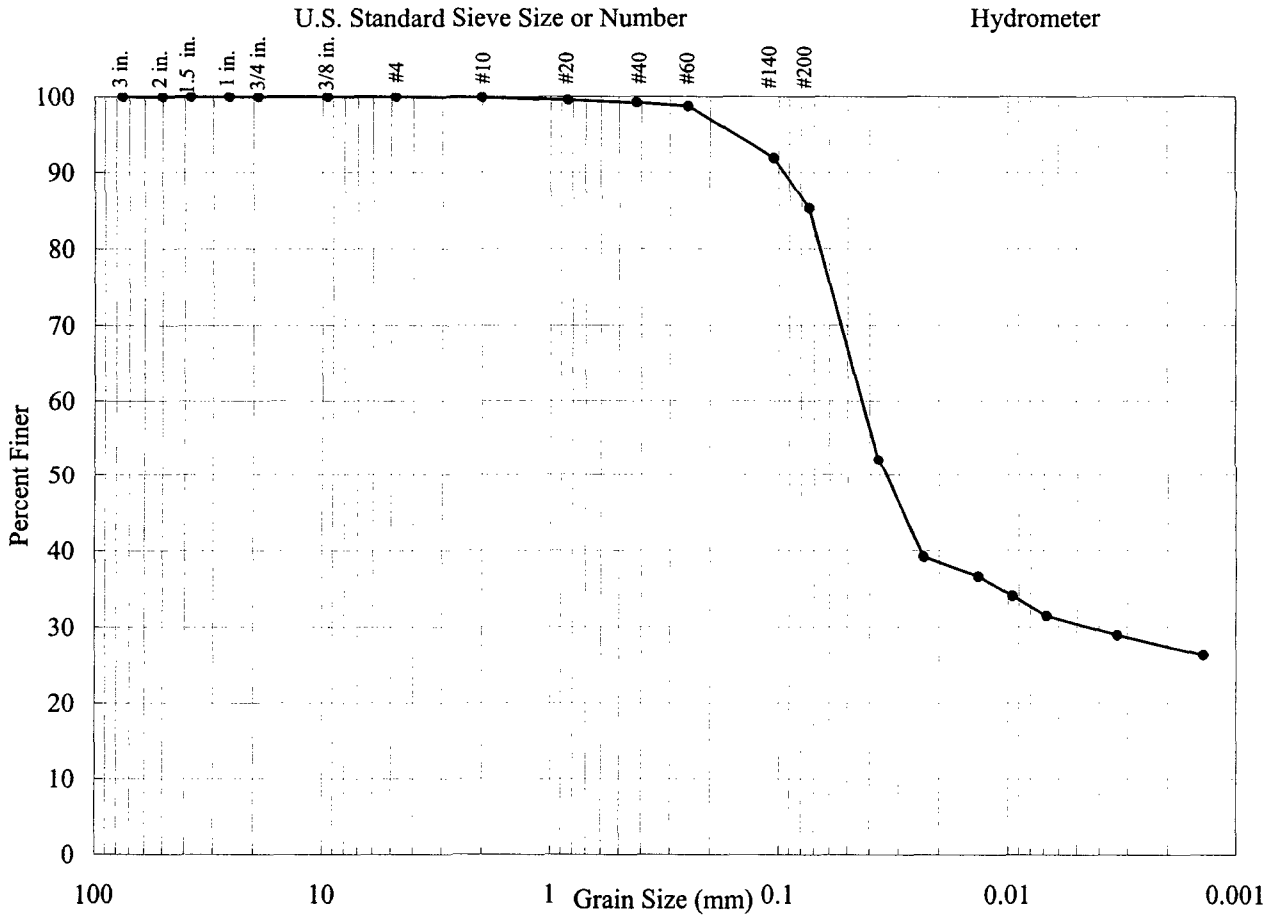
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.12	0.71	13.84	55.22	30.11

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
222		273	168								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4201-1031-01
	AMS ID: 18531
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4209-1226-01
AMS Sample ID: 18533

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	245	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	1.70	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	70.4	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	23.6	%		0.1	ASTM D2974	Sediment	7/8/2004

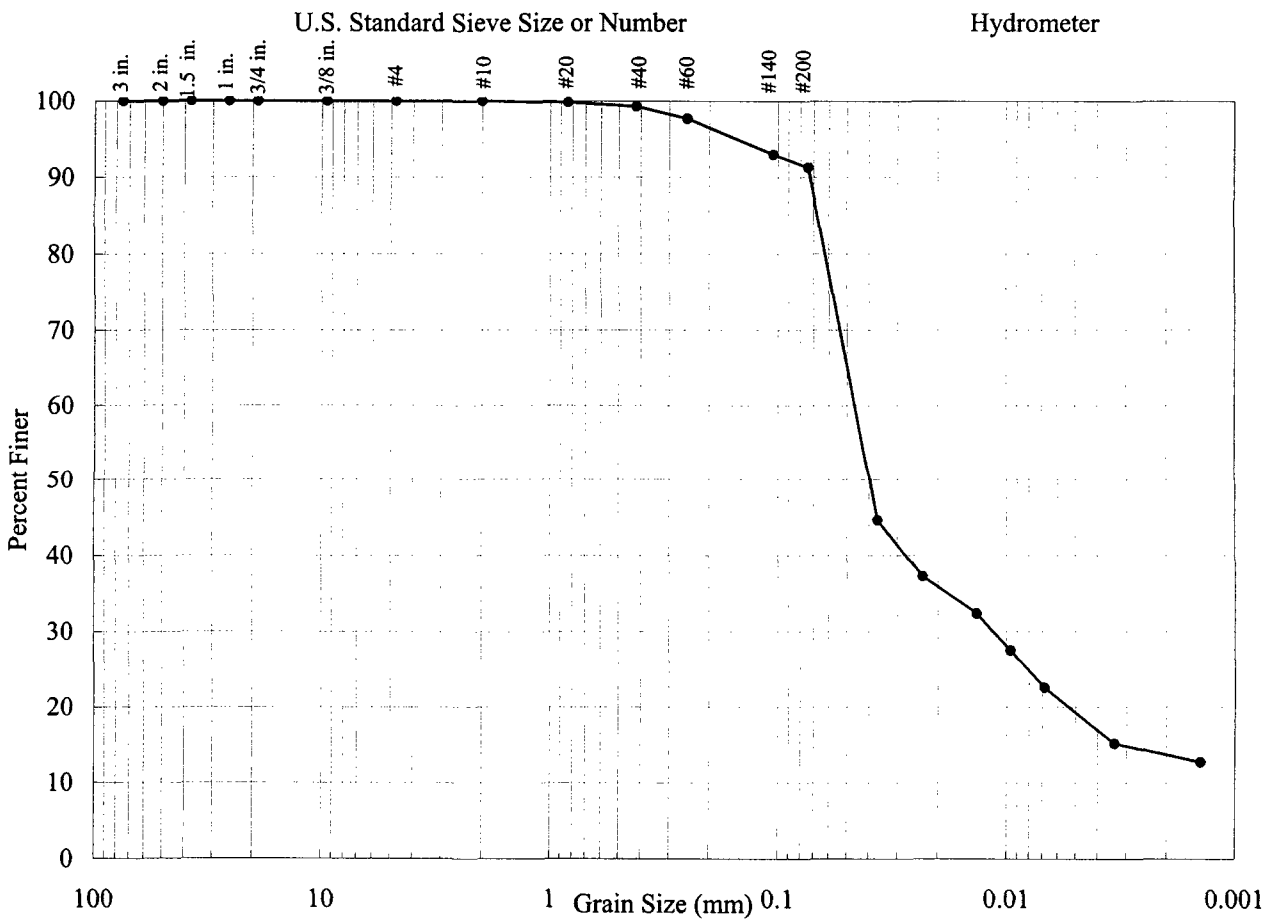
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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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	0.00	0.73	7.98	72.66	18.63

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
245											

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4209-1226-01
	AMS ID: 18533
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4210-0015-01
AMS Sample ID: 18497

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	357	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	2.29	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	67.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.3	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	27.0	%		0.1	ASTM D2974	Sediment	7/8/2004

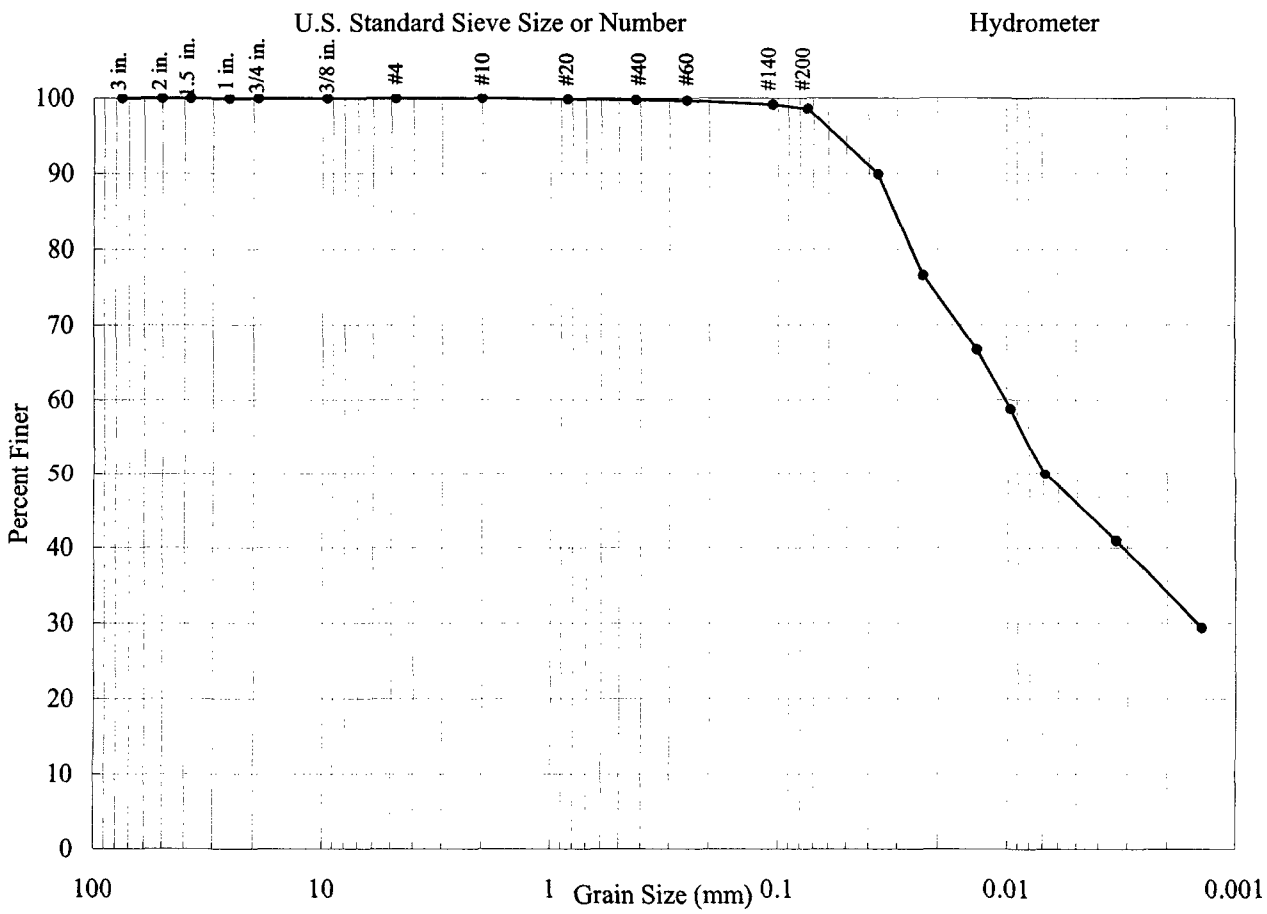
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	0.26	1.18	53.36	45.20

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
357											

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4210-0015-01
	AMS ID: 18497
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4210-1518-01
AMS Sample ID: 18447

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	76	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	45	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	43	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	2	-		1	ASTM D4318	Sediment	6/28/2004

USCS: ML/OL DTD 8-13-04

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

KSL

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4217-1320-01
AMS Sample ID: 18470

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	163	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	90	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	73	-		1	ASTM D4318	Sediment	6/28/2004

USCS: MH/OH DTD 8-13-04

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

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4219-1017-01
AMS Sample ID: 18473

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	86	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	65	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	21	-		1	ASTM D4318	Sediment	6/28/2004
Moisture	56.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	4.5	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	38.7	%		0.1	ASTM D2974	Sediment	7/8/2004

USCS: MH/OH DTD 8-13-04

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

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4209-0812-01
AMS Sample ID: 18476

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	37	-		1	ASTM D4318	Sediment	6/28/2004
Plastic Limit	35	-		1	ASTM D4318	Sediment	6/28/2004
Plasticity Index	2	-		1	ASTM D4318	Sediment	6/28/2004
Moisture	37.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	2.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	59.6	%		0.1	ASTM D2974	Sediment	7/8/2004

USCS: ML/OL DTD 8-13-04

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

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4201-3136-01
AMS Sample ID: 18486

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	143	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	90	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	53	-		1	ASTM D4318	Sediment	6/29/2004

USCS: MH/OH DTD 8-13-04

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

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4206-1118-01
AMS Sample ID: 18491

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	282	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	2.35	-		0.01	ASTM D854	Sediment	7/6/2004
Moisture	70.8	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	5.8	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	23.4	%		0.1	ASTM D2974	Sediment	7/8/2004

Not analyzed for Atterberg Limits
no applicable USCS. DTD 8-13-04

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

KSL

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4210-1523-01
AMS Sample ID: 18495

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	215	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	118	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	97	-		1	ASTM D4318	Sediment	6/29/2004

USCS: MH/OH DTD 8-13-04

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

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4214-0511-01
AMS Sample ID: 18508

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	168	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	155	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	113	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	42	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	1.62	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	60.5	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	7.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	32.5	%		0.1	ASTM D2974	Sediment	7/8/2004

USCS: MH/OH DTD 8-13-04

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

KSL

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: CMS-SD-4223-0004-01
AMS Sample ID: 18514

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	310	%		1	ASTM D2216	Sediment	6/21/2004
Specific Gravity	2.28	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	72.0	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	6.4	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	21.6	%		0.1	ASTM D2974	Sediment	7/8/2004

Not analyzed for Atterberg Limits
No applicable USCS. DID 8-13-04

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

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4207-0009-01
AMS Sample ID: 18518

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	71	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	106	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	76	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	30	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.17	-		0.01	ASTM D854	Sediment	7/7/2004

USCS: MH/OH DTD 8-13-04

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

KSD

AMS, Inc. Project Manager

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4201-0010-01
AMS Sample ID: 18527

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Water Content	286	%		1	ASTM D2216	Sediment	6/21/2004
Liquid Limit	190	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	85	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	105	-		1	ASTM D4318	Sediment	6/29/2004
Specific Gravity	2.17	-		0.01	ASTM D854	Sediment	7/7/2004
Moisture	70.6	%		0.1	ASTM D2974	Sediment	7/8/2004
Ash	4.7	%		0.1	ASTM D2974	Sediment	7/8/2004
Organic Matter	24.7	%		0.1	ASTM D2974	Sediment	7/8/2004

USCS: MH/OH DTD 8-13-04

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

KSR

AMS, Inc. Project Manager

Applied Marine Sciences, Inc.

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Client: Battelle
Project Title: Centredale Manor
Project Number: N/A
Client Sample ID: LPX-SD-4209-2634-01
AMS Sample ID: 19777

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 6/23/2004

Parameter	Result	Unit	Flag	MDL	Method	Matrix	Date Analyzed
Liquid Limit	95	-		1	ASTM D4318	Sediment	6/29/2004
Plastic Limit	73	-		1	ASTM D4318	Sediment	6/29/2004
Plasticity Index	22	-		1	ASTM D4318	Sediment	6/29/2004

USCS: MH/OH DTD 8-13-04

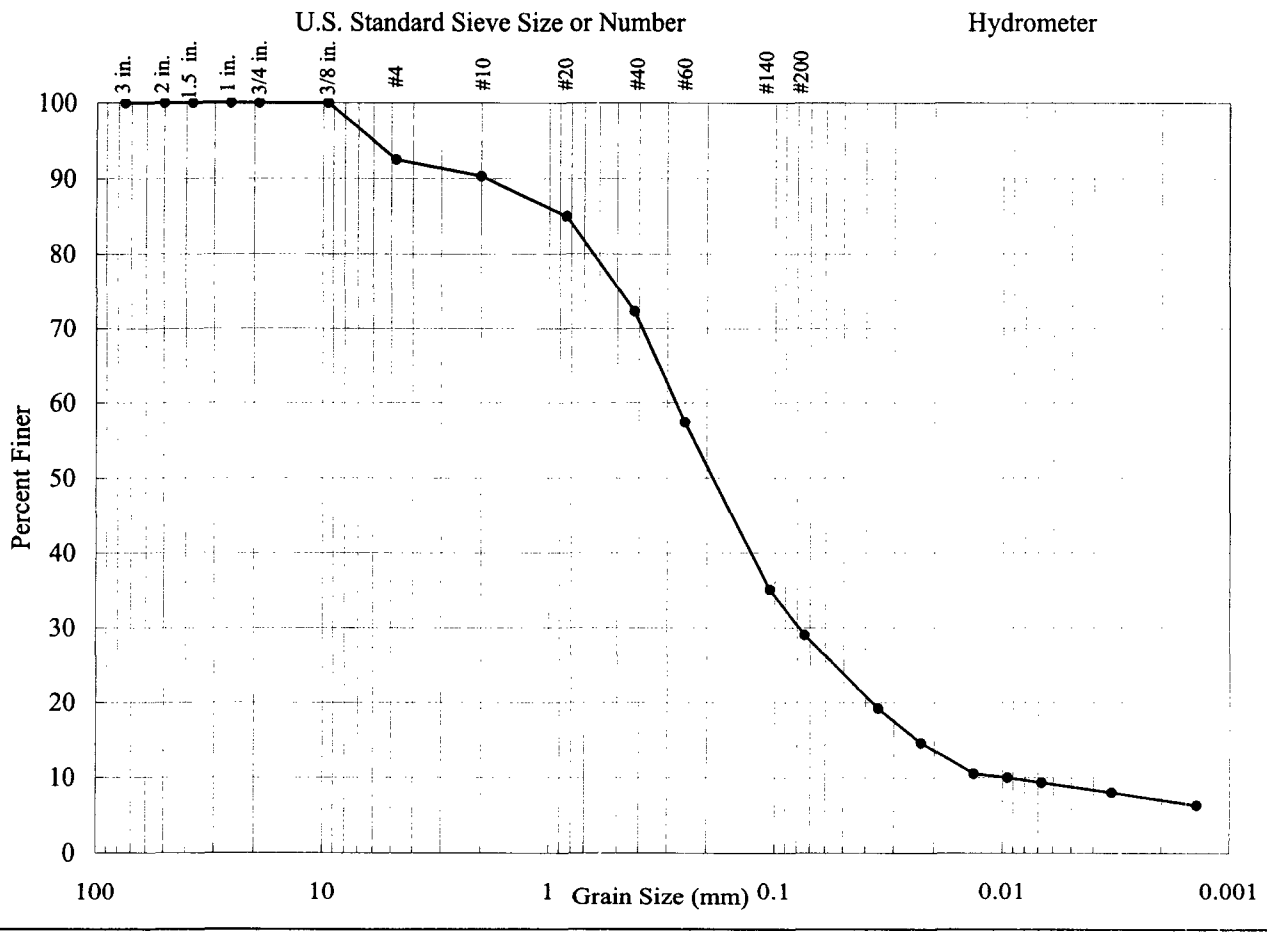
Quality Assurance: These analyses were performed in accordance with ASTM guidelines for quality assurance.

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	7.47	2.20	17.99	43.31	20.36	8.66

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

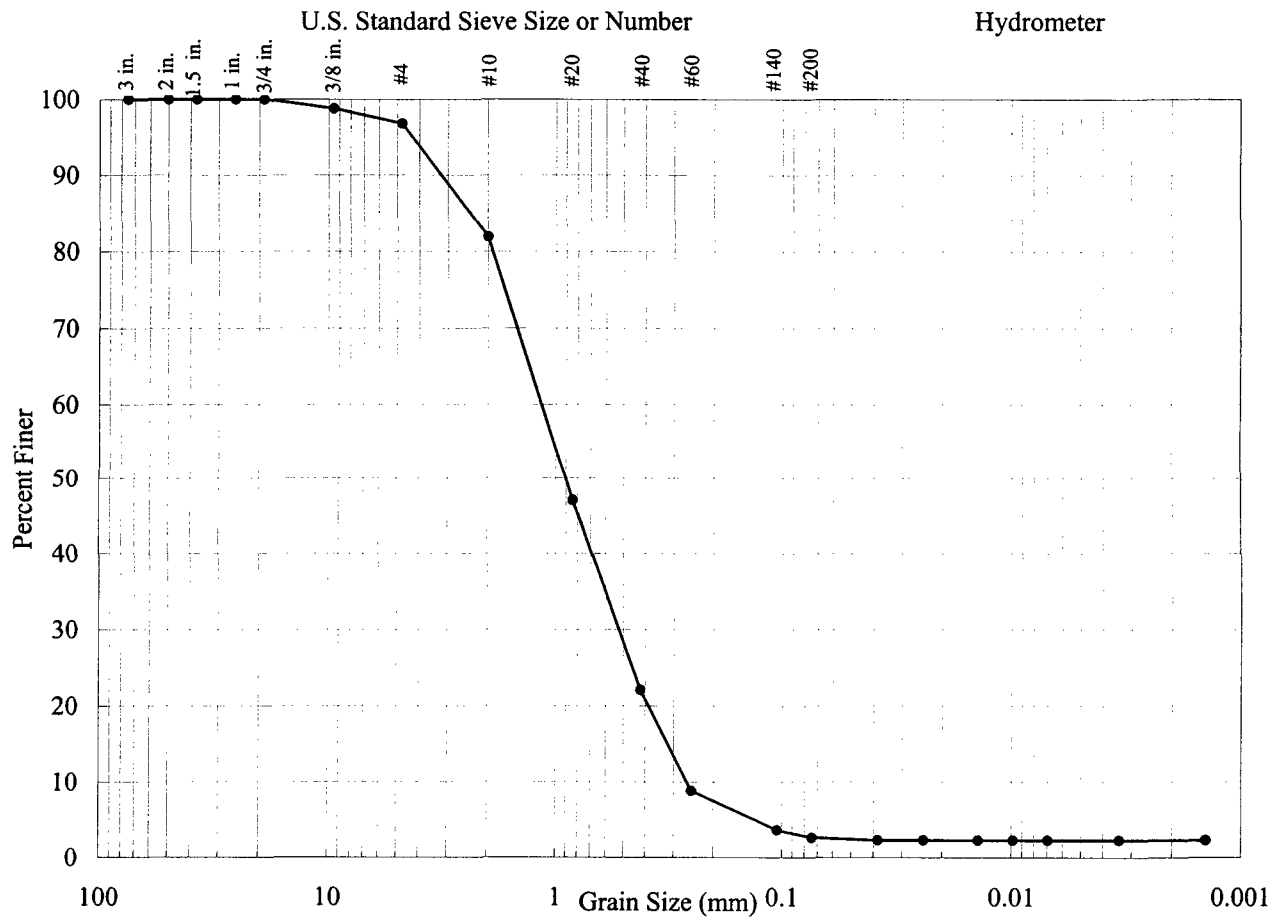
Material Description	USCS
Silty Sand, Dark Yellowish Brown (10YR 4/2)	SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4219-1727-01
	AMS ID: 18472
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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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	3.24	14.86	59.82	19.43	0.37	2.29

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
				2.50	1.25	0.90	0.52	0.32	0.27	0.80	4.63

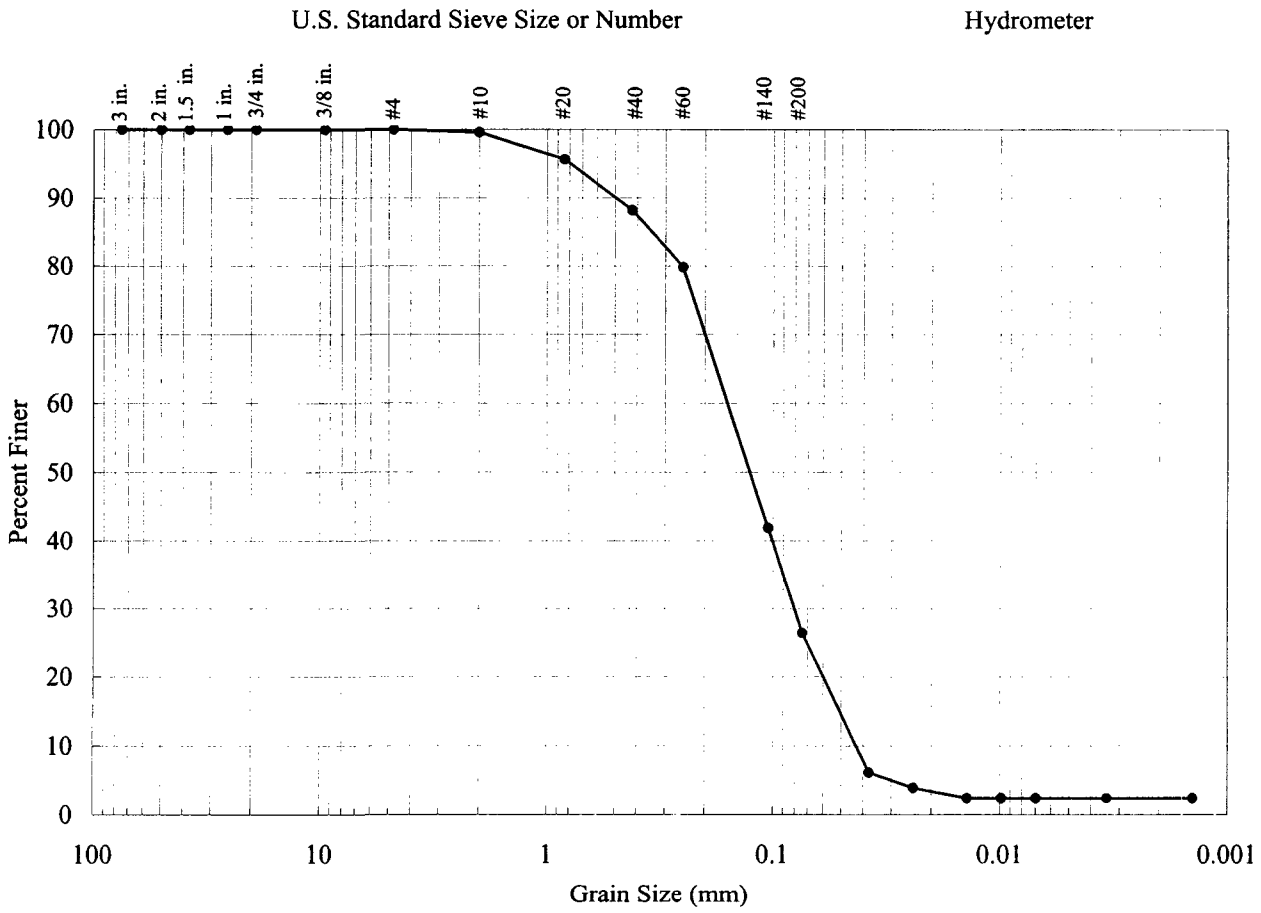
Material Description	USCS
Poorly Graded Sand, Dark Yellowish Brown (10YR 4/2)	SP

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4214-0005-01
	AMS ID: 18510
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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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	0.43	11.40	61.76	24.04	2.37

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

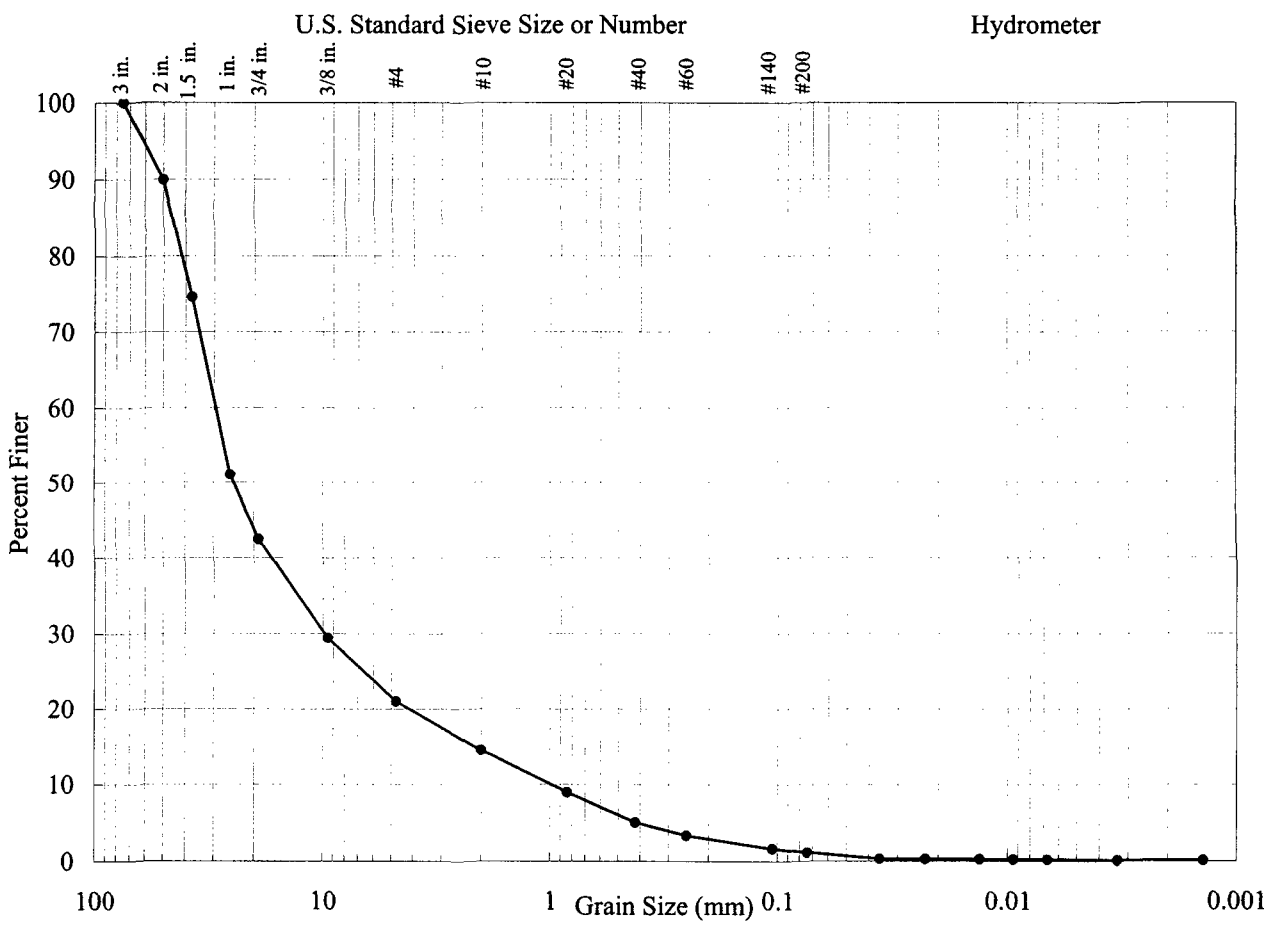
Material Description	USCS
Silty Sand, Dark Yellowish Brown (10YR 4/2)	SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4202-0005-01
	AMS ID: 18520
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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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	79.00	6.50	9.46	3.91	0.96	0.18

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
				45.0	29.5	25.0	9.8	2.0	1.0	3.26	29.50

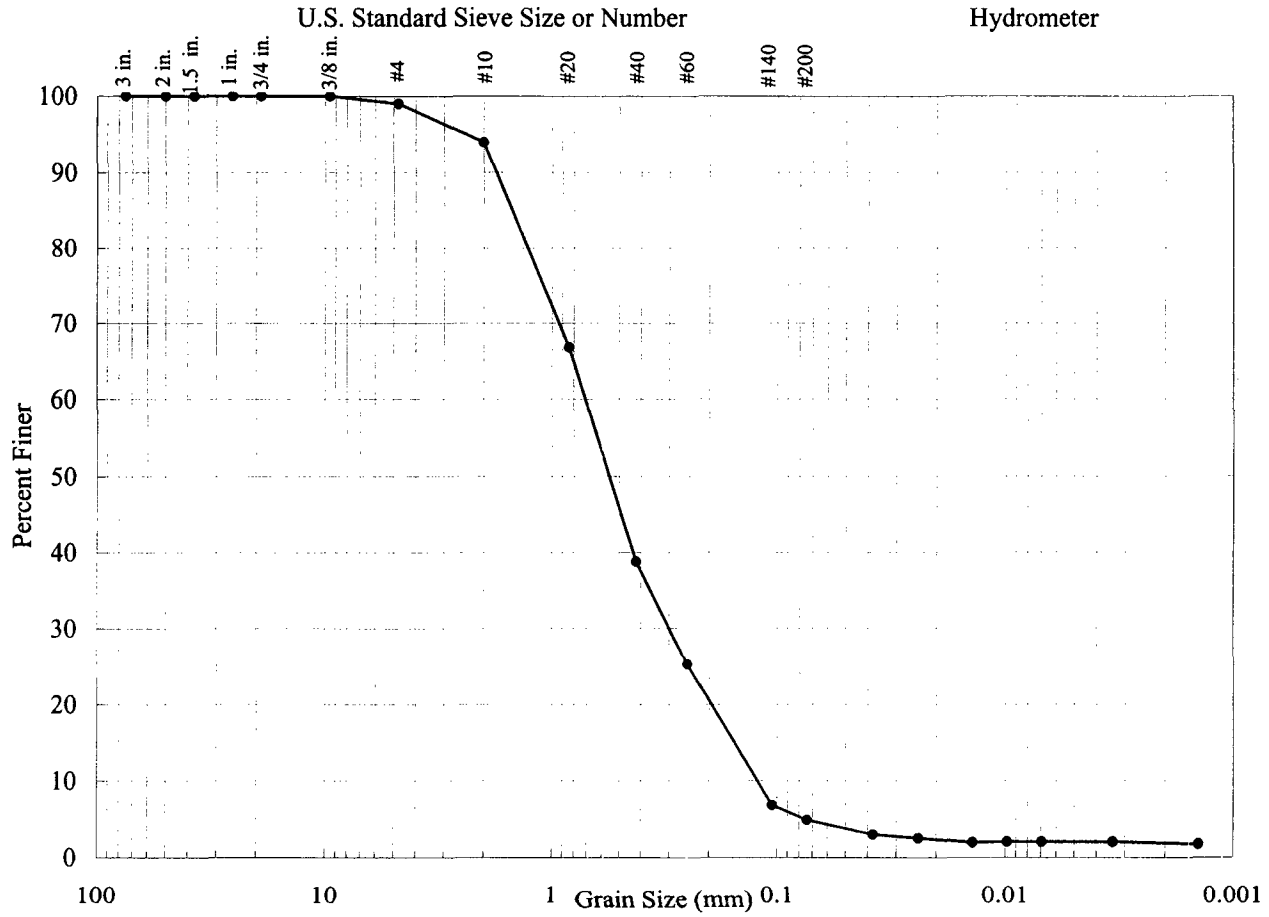
Material Description	USCS
Poorly Graded Gravel with Sand, Dark Yellowish Brown (10YR 4/2)	GP

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4208-0007-01
	AMS ID: 18532
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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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	0.97	5.11	55.12	33.93	2.87	2.00

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
				1.60	0.71	0.56	0.30	0.16	0.14	0.91	5.07

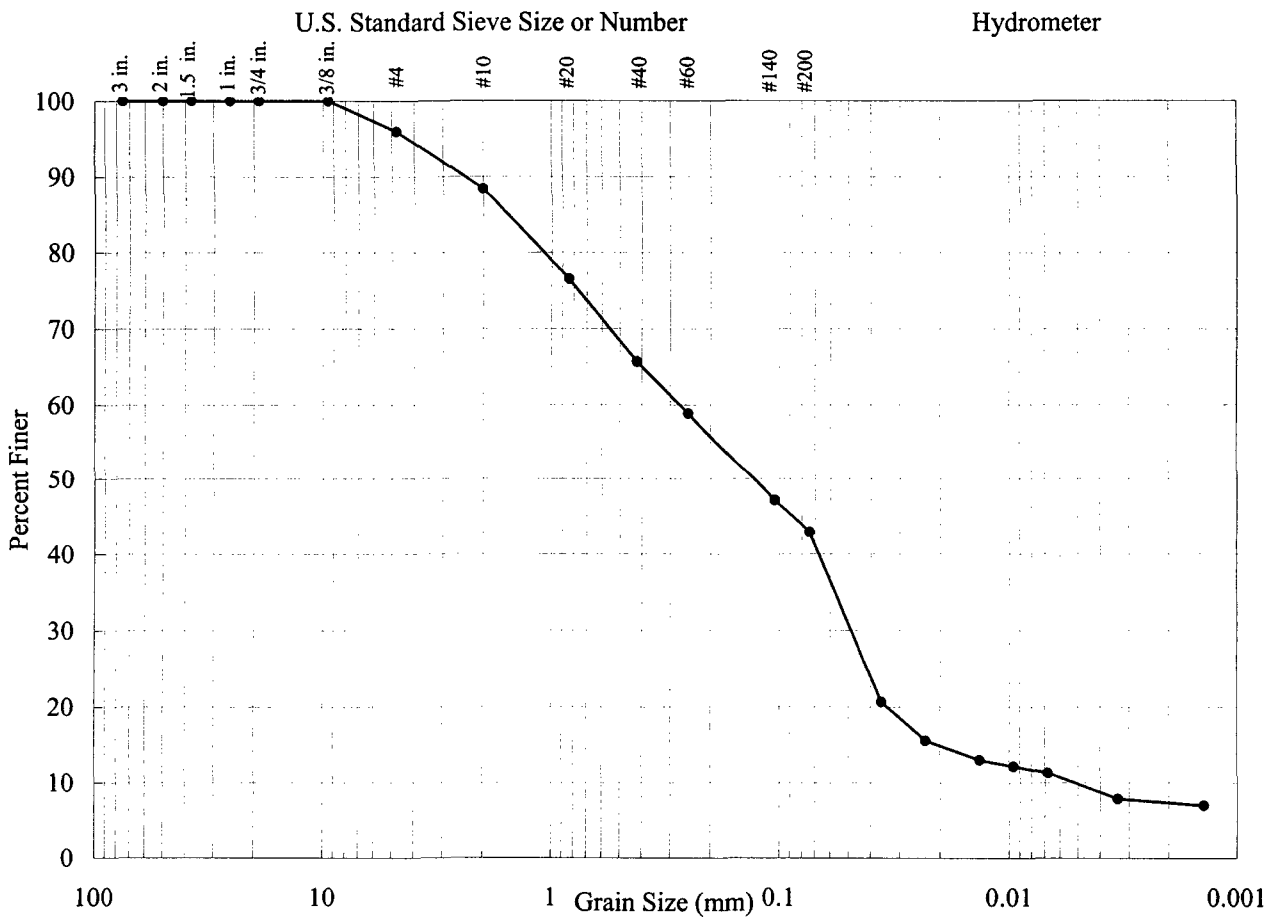
Material Description	USCS
Poorly Graded Sand, Dark Yellowish Brown (10YR 4/2)	SP

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4217-0409-01
	AMS ID: 19465
AMS, Inc. Project Manager:	Date Analyzed: 6/25/2004

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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	4.07	7.54	22.72	22.78	33.39	9.50

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

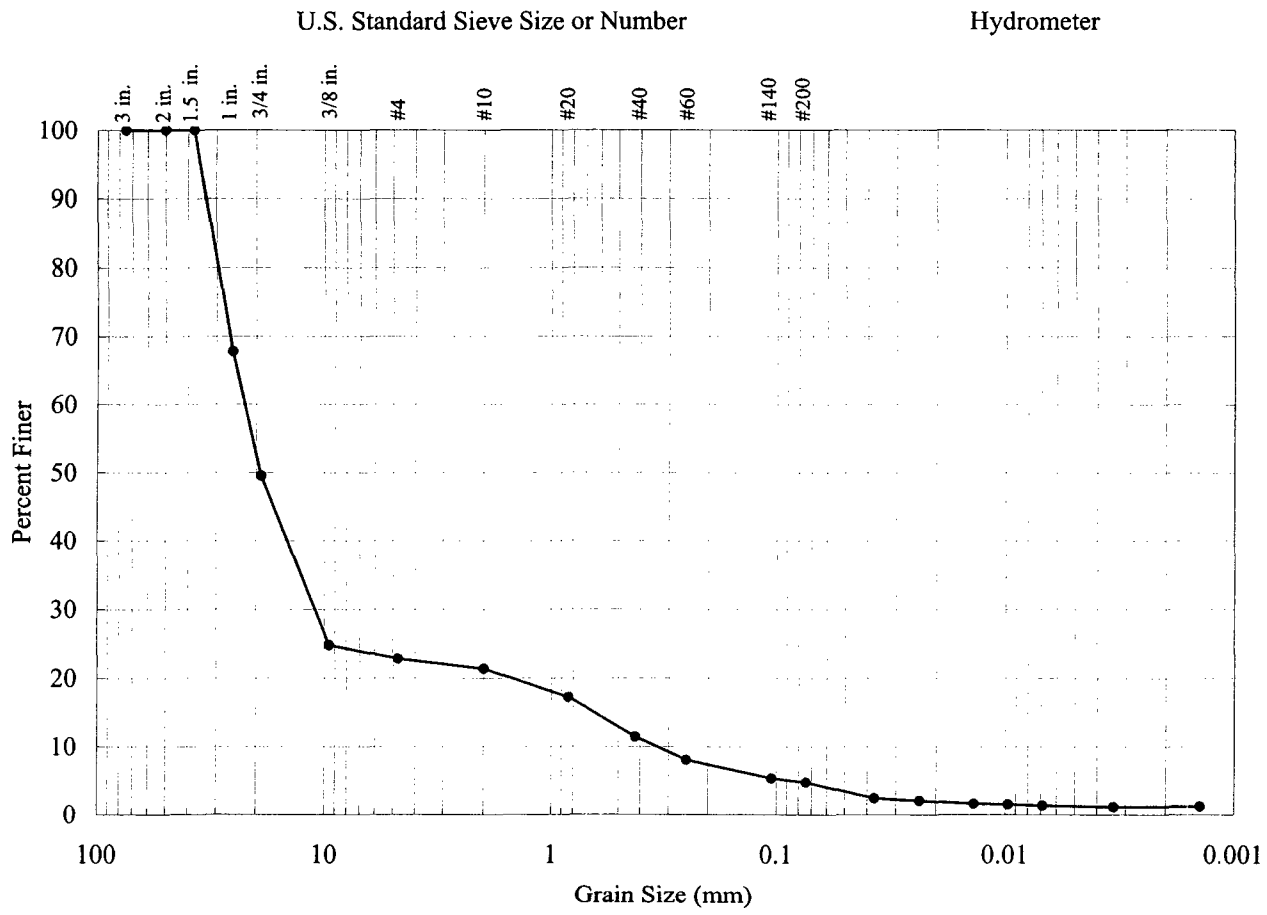
Material Description	USCS
Silty Sand, Dark Yellowish Brown (10YR 4/2)	SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4207-0510-01
	AMS ID: 19778
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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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	77.18	1.46	9.96	6.66	3.51	1.23

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
				31.0	23.0	19.0	11.5	0.60	0.34	16.91	67.65

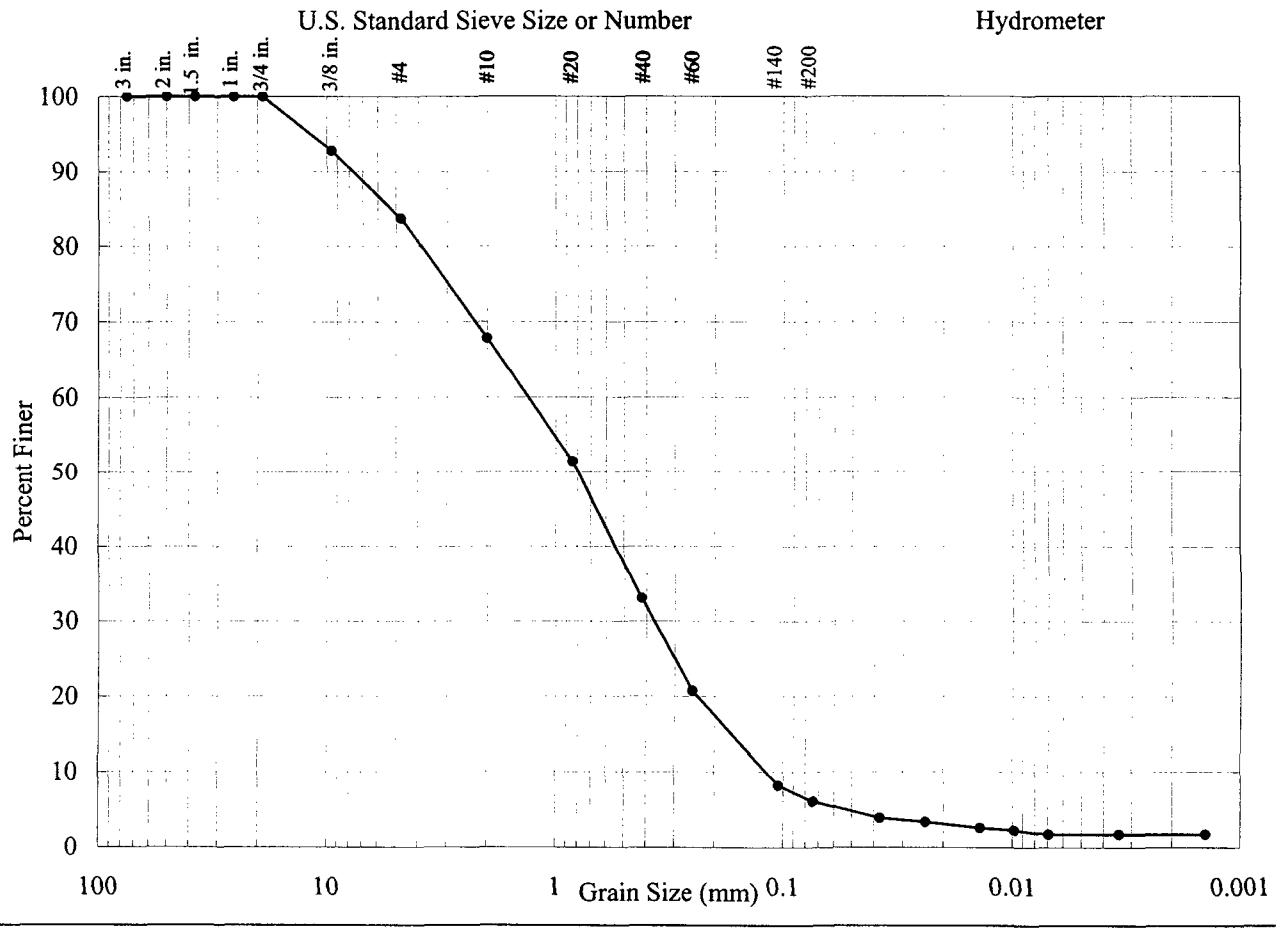
Material Description	USCS
Poorly Graded Gravel with Sand, Dark Yellowish Brown (10YR 4/2)	GP

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4206-1823-01
	AMS ID: 19788
AMS, Inc. Project Manager:	Date Analyzed: 7/1/2004

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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	16.27	15.93	34.75	26.92	4.40	1.74

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
				5.1	1.4	0.79	0.38	0.17	0.13	0.79	10.77

Material Description	USCS
Poorly Graded Sand with Silt and Gravel, Dark Yellowish Brown (10YR 4/2)	SP-SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4211-2534-01
	AMS ID: 19789
AMS, Inc. Project Manager: KSD	Date Analyzed: 7/1/2004

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AMS QUALITY CONTROL REPORT

Client: Battelle
Project Number: N/A
Project Title: N/A
Client Sample ID: CMS-SD-4215-0012-01
AMS Sample ID: 18471-2

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003
Date Analyzed: 6/25/2004
Matrix: Sediment
Method: ASTM D422

Replicate Analysis

Particle Diameter (mm)	U.S. Standard Sieve Mesh #	Size Class	Sample Result (%)	Duplicate Result (%)	RPD (%)	#	QC Limits (% RPD)
4.76	No. 4	Gravel	0.00	0.00	0.00		<25
2.00	No. 10	Coarse Sand	0.00	0.00	0.00		<25
0.42	No. 40	Medium Sand	0.24	0.23	3.62		<25
0.074	No. 200	Fine Sand	13.40	13.37	0.17		<25
<0.074-0.005	Hydrometer	Silt	73.09	71.41	2.33		<25
<0.005	Hydrometer	Clay	13.27	14.99	12.17		<25

Column to be used to flag RPD values outside of given limit of 25%
"EXCEEDS" indicates a value outside of the QC Limits

RPD: 0 out of 6 outside limit

amples in Batch (AMS ID): 18445 18452 18456 18465 18469
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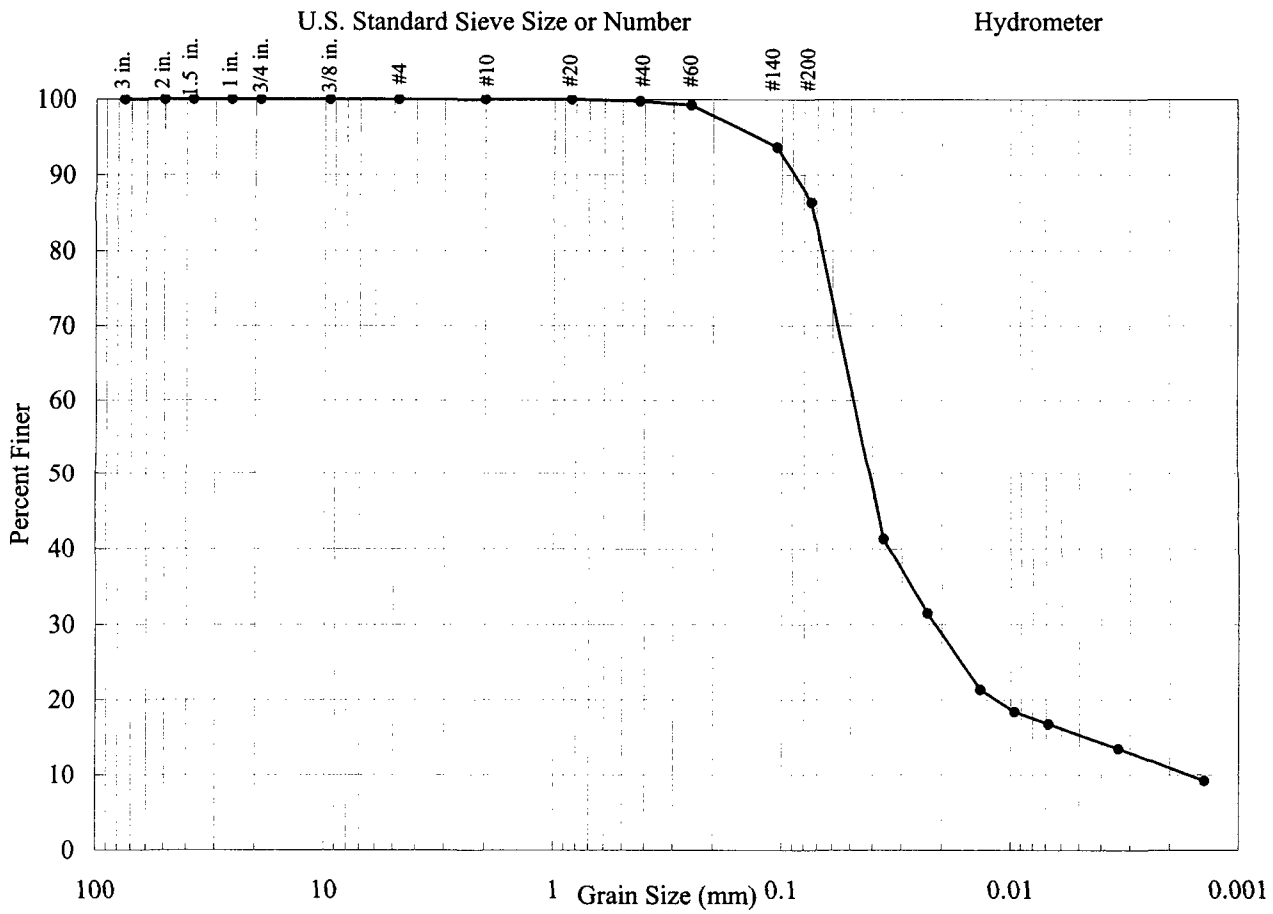
KSL

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	0.23	13.37	71.41	14.99

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
141		96	84								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4215-0012-01
	AMS ID: 18471-2
AMS, Inc. Project Manager: KSL	Date Analyzed: 6/25/2004

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AMS QUALITY CONTROL REPORT

Client: Battelle
Project Number: N/A
Project Title: N/A
Client Sample ID: LPX-SD-4205-0015-01
AMS Sample ID: 18492-2

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003
Date Analyzed: 6/25/2004
Matrix: Sediment
Method: ASTM D422

Replicate Analysis

Particle Diameter (mm)	U.S. Standard Sieve Mesh #	Size Class	Sample Result (%)	Duplicate Result (%)	RPD (%)	#	QC Limits (% RPD)
4.76	No. 4	Gravel	0.00	0.00	0.00		<25
2.00	No. 10	Coarse Sand	0.00	0.00	0.00		<25
0.42	No. 40	Medium Sand	0.00	0.00	0.00		<25
0.074	No. 200	Fine Sand	1.53	1.44	6.53		<25
<0.074-0.005	Hydrometer	Silt	62.10	61.92	0.29		<25
<0.005	Hydrometer	Clay	36.36	36.64	0.77		<25

Column to be used to flag RPD values outside of given limit of 25%
"EXCEEDS" indicates a value outside of the QC Limits

RPD: 0 out of 6 outside limit

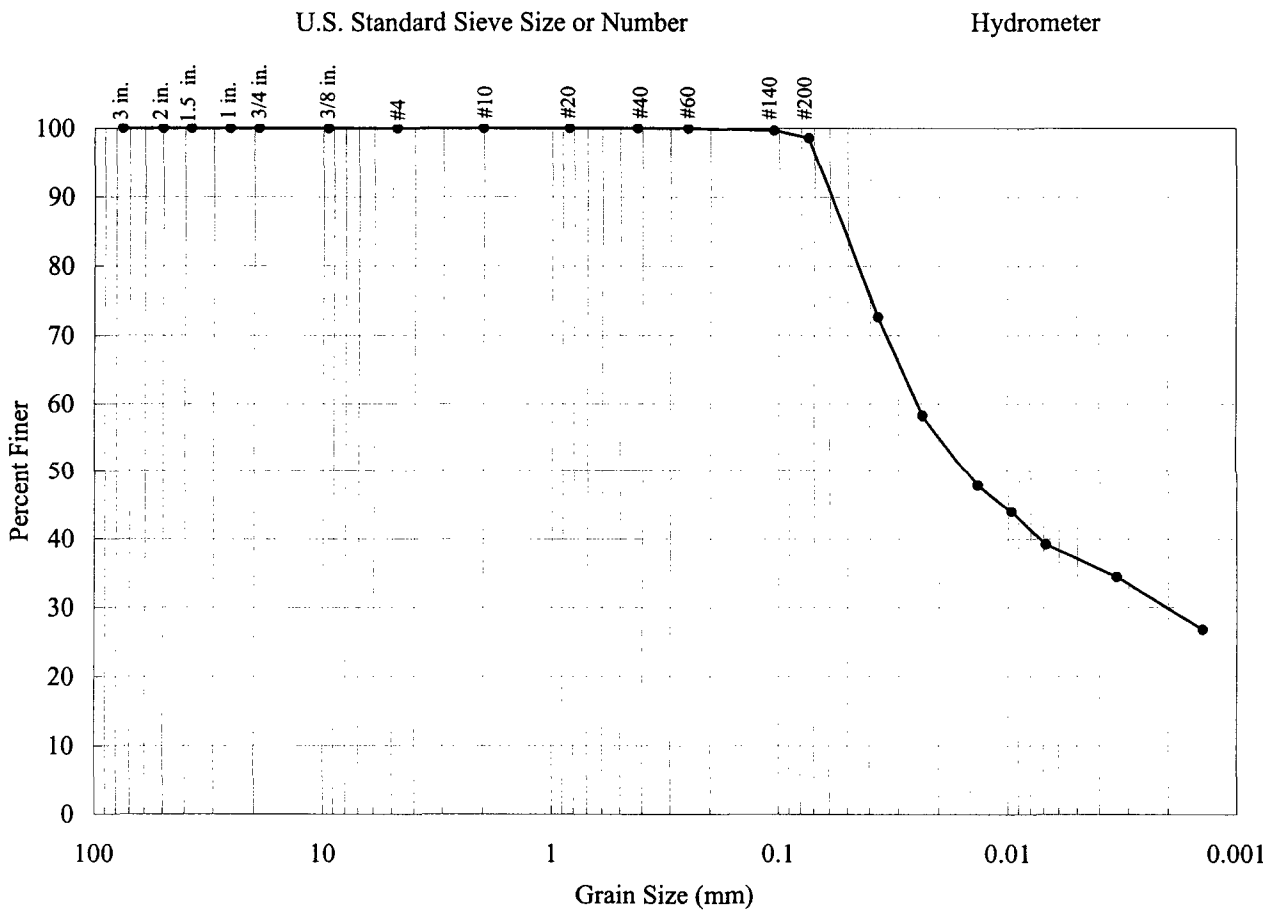
amples in Batch (AMS ID): 18472 18475 18480 18484 18492
18474 18478 18481 18488

KSN

AMS, Inc. Project Manager

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	0.00	0.00	1.44	61.92	36.64

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
387		113	90								

Material Description	USCS
Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4205-0015-01
	AMS ID: 18492-2
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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AMS QUALITY CONTROL REPORT

Client: Battelle
Project Number: N/A
Project Title: N/A
Client Sample ID: LPX-SD-4208-0011-01
AMS Sample ID: 18515-2

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 5/30/2003
Date Analyzed: 6/25/2004
Matrix: Sediment
Method: ASTM D422

Replicate Analysis

Particle Diameter (mm)	U.S. Standard Sieve Mesh #	Size Class	Sample Result (%)	Duplicate Result (%)	RPD (%)	#	QC Limits (% RPD)
4.76	No. 4	Gravel	0.00	0.00	0.00		<25
2.00	No. 10	Coarse Sand	0.60	0.70	14.10		<25
0.42	No. 40	Medium Sand	1.53	1.35	12.53		<25
0.074	No. 200	Fine Sand	29.43	28.04	4.82		<25
<0.074-0.005	Hydrometer	Silt	50.26	51.85	3.12		<25
<0.005	Hydrometer	Clay	18.17	18.05	0.65		<25

Column to be used to flag RPD values outside of given limit of 25%
"EXCEEDS" indicates a value outside of the QC Limits

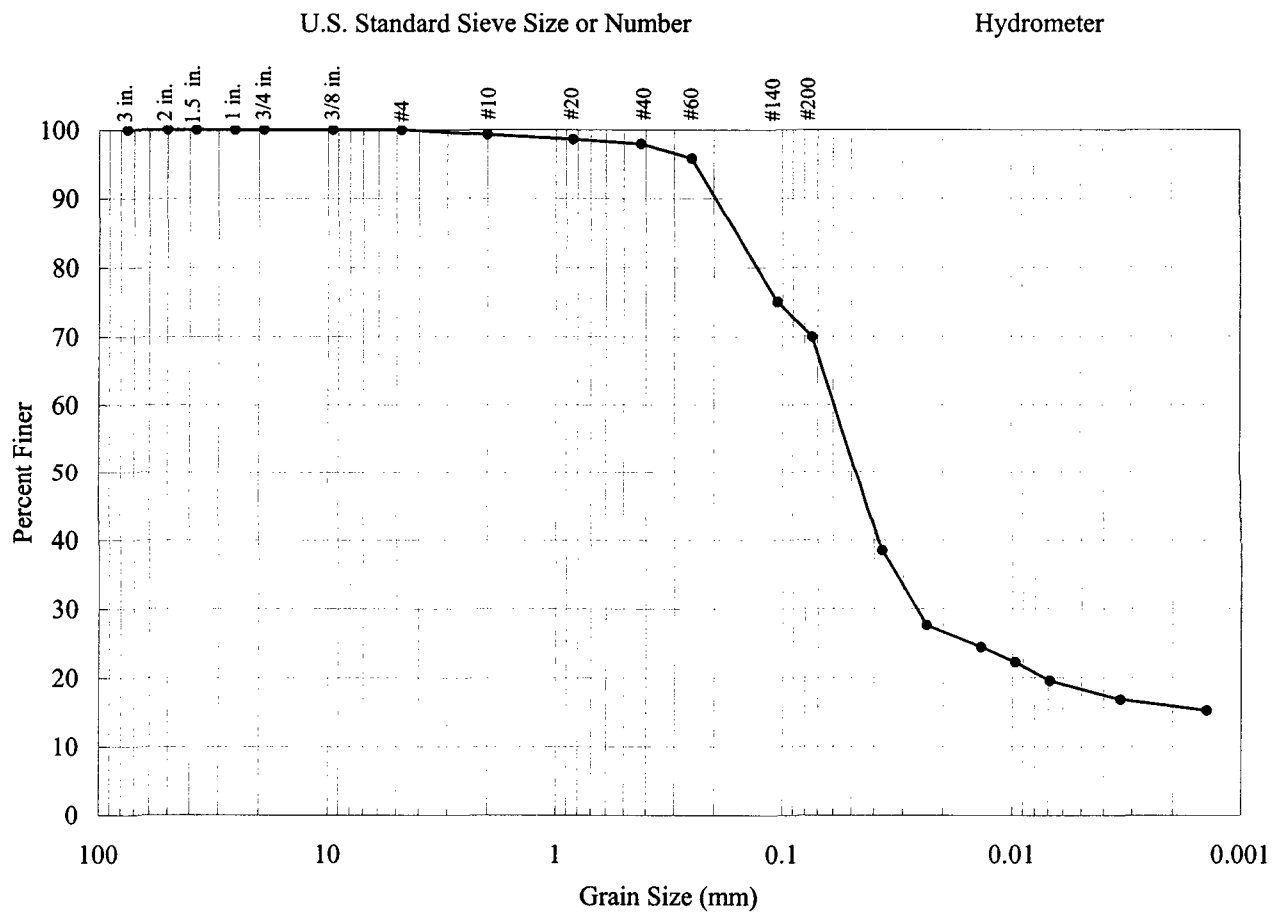
RPD: 0 out of 6 outside limit

amples in Batch (AMS ID): 18493 18498 18504 18510 18515
18497 18500 18509 18513

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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	0.70	1.35	28.04	51.85	18.05

Water Cont. (%)	Tot. Solids (%)	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
214		79	67								

Material Description	USCS
Sandy Organic Silt, Dark Yellowish Brown (10YR 4/2)	MH/OH

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: LPX-SD-4208-0011-01
	AMS ID: 18515-2
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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AMS QUALITY CONTROL REPORT

Client: Battelle
Project Number: N/A
Project Title: Centredale Manor
Client Sample ID: CMS-SD-4207-0510-01
AMS Sample ID: 19778-2

AMS Project Number: 2004-03-27
Date Sampled: N/A
Date Received: 6/23/2004
Date Analyzed: 6/25/2004
Matrix: Sediment
Method: ASTM D422

Replicate Analysis

Particle Diameter (mm)	U.S. Standard Sieve Mesh #	Size Class	Sample Result (%)	Duplicate Result (%)	RPD (%)	#	QC Limits (% RPD)
4.76	No. 4	Gravel	4.07	4.07	0.00		<25
2.00	No. 10	Coarse Sand	7.54	7.00	7.45		<25
0.42	No. 40	Medium Sand	22.72	22.83	0.46		<25
0.074	No. 200	Fine Sand	22.78	23.18	1.76		<25
<0.074-0.005	Hydrometer	Silt	33.39	33.03	1.11		<25
<0.005	Hydrometer	Clay	9.50	9.90	4.12		<25

Column to be used to flag RPD values outside of given limit of 25%
"EXCEEDS" indicates a value outside of the QC Limits

RPD: 0 out of 6 outside limit

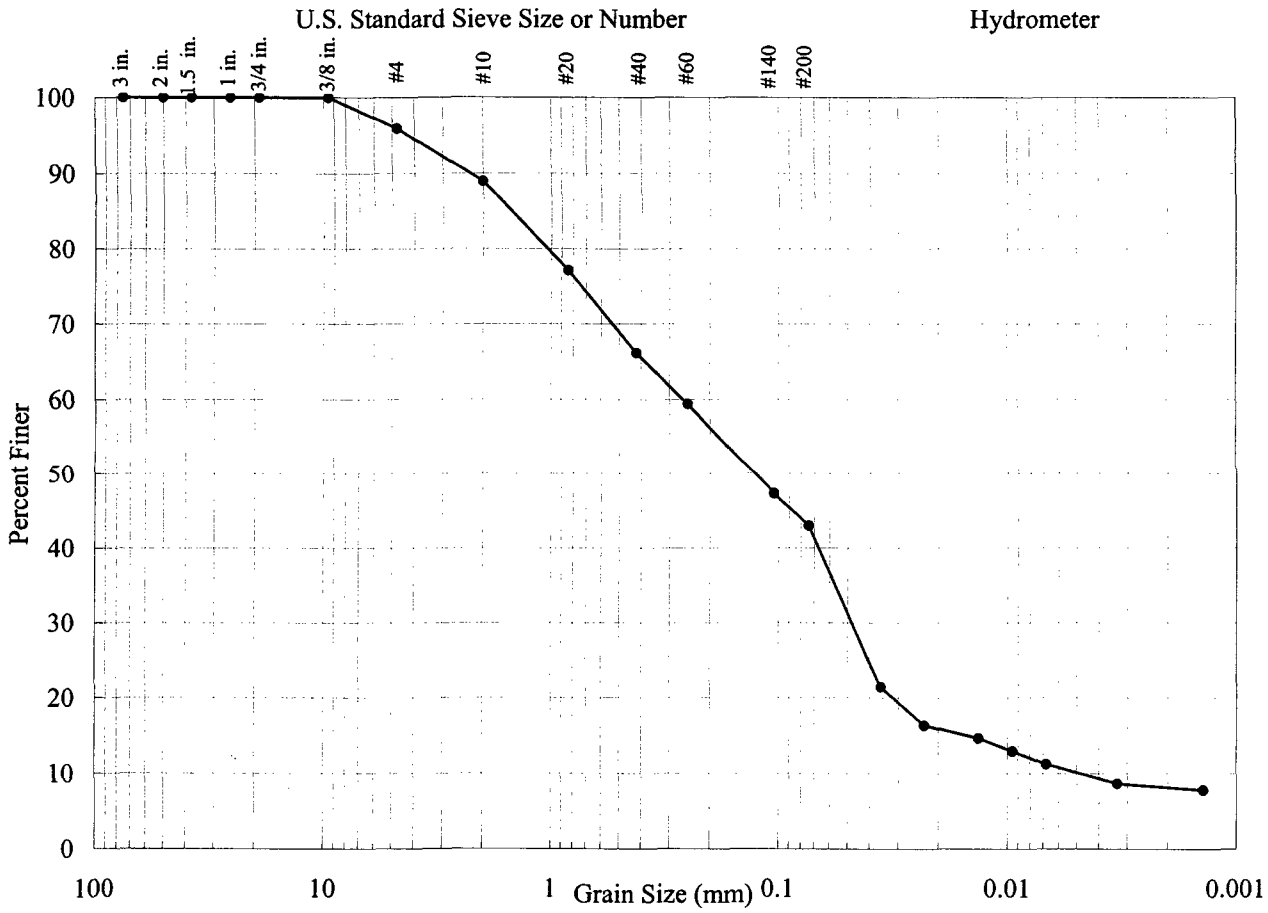
amples in Batch (AMS ID): 18520 18528 18532 19778
18524 18531 18533

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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	4.07	7.00	22.83	23.18	33.03	9.90

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

Material Description	USCS
Silty Sand, Dark Yellowish Brown (10YR 4/2)	SM

Project Description	
Centredale Manor Geotechnical	Client P/N: N/A
	AMS P/N: 2004-03-27
	Client ID: CMS-SD-4207-0510-01
	AMS ID: 19778-2
AMS, Inc. Project Manager: KSD	Date Analyzed: 6/25/2004

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QUALITY CONTROL REPORT

Client:	Battelle	AMS Project Number:	2003-03-27
Project Number:	N/A	Date Sampled:	N/A
Project Title:	Centredale	Date Received:	5/30/2003
Client Sample ID:	CMS-SD-4215-0012-01	Date Analyzed:	7/6/2004
AMS Sample ID:	18471	Matrix:	Sediment

Specific Gravity (ASTM D854) Duplicate Analysis

Sample Result (T_x/20°C)	Duplicate Result (T_x/20°C)	Relative Percent Difference (%)	#	Quality Control Limits (% RPD)
2.00	2.18	8.61		<10

Column to be used to flag RPD values with an asterisk

* Values outside of QC Limits

RPD: 0 out of 1 outside limits

Samples in Batch (AMS ID): 18445, 18450, 18452, 18455, 18456, 18464, 18469, 18471, 18474, 18475, 18478, 18481, 18484, 18488, 18491

KSD

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QUALITY CONTROL REPORT

Client:	Battelle	AMS Project Number:	2003-03-27
Project Number:	N/A	Date Sampled:	N/A
Project Title:	Centredale	Date Received:	5/30/2003
Client Sample ID:	CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	Date Analyzed:	7/7/2004
AMS Sample ID:	18524/18525	Matrix:	Sediment

Specific Gravity (ASTM D854) Duplicate Analysis

Sample Result (T_x/20°C)	Duplicate Result (T_x/20°C)	Relative Percent Difference (%)	#	Quality Control Limits (% RPD)
1.97	2.03	3.00		<10

Column to be used to flag RPD values with an asterisk
* Values outside of QC Limits

RPD: 0 out of 1 outside limits

Samples in Batch (AMS ID): 18492, 18493, 18497, 18498, 18500, 18504, 18508, 18509, 18513, 18514, 18515, 18518, 18524, 18527, 18528, 18531, 18533

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Quality Control Report

Client: Battelle
Project Title: Centredale Manor
Project No.: N/A
Client ID: LPX-SD-4205-0015-01
AMS ID: 18492

AMS Project No.: 2004-03-27
Date Analyzed: 7/8/2004
Analyst: TP
Matrix: Sediment

Moisture, Ash, Organic Matter (ASTM D2974) Duplicate Analysis

Moisture Duplicate Analysis

Replicate 1 (%)	Replicate 2 (%)	RPD (%)	MDL (%)
77.0	76.1	1.2	0.1

Ash Duplicate Analysis

Replicate 1 (%)	Replicate 2 (%)	RPD (%)	MDL (%)
5.0	5.2	3.9	0.1

Organic Matter Duplicate Analysis

Replicate 1 (%)	Replicate 2 (%)	RPD (%)	MDL (%)
18.0	18.7	3.8	0.1

Samples in Batch (AMS ID): 18445 18455 18467 18473 18476 18481 18491
18450 18456 18469 18474 18476 18484 18492
18452 18464 18471 18475 18480 18488

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

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Quality Control Report

Client: Battelle
Project Title: Centredale Manor
Project No.: N/A
Client ID: LPX-SD-4209-1226-01
AMS ID: 18533

AMS Project No.: 2004-03-27
Date Analyzed: 7/8/2004
Analyst: TP
Matrix: Sediment

Moisture, Ash, Organic Matter (ASTM D2974) Duplicate Analysis

Moisture Duplicate Analysis

Replicate 1 (%)	Replicate 2 (%)	RPD (%)	MDL (%)
70.4	69.9	0.7	0.1

Ash Duplicate Analysis

Replicate 1 (%)	Replicate 2 (%)	RPD (%)	MDL (%)
6.0	5.7	5.1	0.1

Organic Matter Duplicate Analysis

Replicate 1 (%)	Replicate 2 (%)	RPD (%)	MDL (%)
23.6	24.4	3.3	0.1

Samples in Batch (AMS ID): 18493 18500 18509 18515 18528
18497 18504 18513 18524 18531
18498 18508 18514 18527 18533

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

KSA

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QUALITY CONTROL REPORT

Client:	Battelle	AMS Project Number:	2004-03-27
Project Number:	N/A	Date Sampled:	N/A
Project Title:	Centredale Manor	Date Received:	5/30/2004
Client Sample ID:	CMS-SD-4219-1017-01	Date Analyzed:	6/28/2004
AMS Sample ID:	18473	Matrix:	Sediment

Atterberg Limits (ASTM D4318)

Measured Parameters	Sample Result	Duplicate Result	Relative Percent Difference (%)	Quality Control Limits (% RPD)
Liquid Limit	86	81	6	≤25
Plastic Limit	65	69	6	≤25

Samples in Batch (AMS ID):

18445	18452	18467	18471	18478
18447	18455	18469	18473	18480
18450	18456	18470	18476	18481

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QUALITY CONTROL REPORT

Client:	Battelle	AMS Project Number:	2004-03-27
Project Number:	N/A	Date Sampled:	N/A
Project Title:	Centredale Manor	Date Received:	5/30/2004
Client Sample ID:	CMS-SD-4206-0510-01/CMS-SD-4206-1015-01	Date Analyzed:	6/29/2004
AMS Sample ID:	18524/18525	Matrix:	Sediment

Atterberg Limits (ASTM D4318)

Measured Parameters	Sample Result	Duplicate Result	Relative Percent Difference (%)	Quality Control Limits (% RPD)
Liquid Limit	174	172	1	≤25
Plastic Limit	171	171	0	≤25

Samples in Batch (AMS ID): 18484 18492 18498 18508 18515 18527 19777
18486 18493 18500 18509 18518 18528
18488 18495 18504 18513 18524 18531

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QUALITY CONTROL REPORT

Client:	Battelle	AMS Project Number:	2004-03-27
Project Number:	N/A	Date Sampled:	N/A
Project Title:	Centredale Manor	Date Received:	5/30/2004
Client Sample ID:	LPX-SD-4204-0018-01	Date Analyzed:	6/21/2004
AMS Sample ID:	18488	Matrix:	Sediment

Water Content (ASTM D2216)

Measured Parameter	Sample Result	Duplicate Result	Relative Percent Difference (%)	Quality Control Limits (% RPD)
Water Content	216	220	2	≤25

Samples in Batch (AMS ID):

18445	18452	18464	18474	18481
18447	18455	18469	18475	18484
18450	18456	18471	18478	18488

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QUALITY CONTROL REPORT

Client:	Battelle	AMS Project Number:	2004-03-27
Project Number:	N/A	Date Sampled:	N/A
Project Title:	Centredale Manor	Date Received:	5/30/2004
Client Sample ID:	LPX-SD-4201-1031-01	Date Analyzed:	6/21/2004
AMS Sample ID:	18531	Matrix:	Sediment

Water Content (ASTM D2216)

Measured Parameter	Sample Result	Duplicate Result	Relative Percent Difference (%)	Quality Control Limits (% RPD)
Water Content	222	230	4	≤25

Samples in Batch (AMS ID):

18491	18497	18504	18513	18518	18528
18492	18498	18508	18514	18524	18531
18493	18500	18509	18515	18527	18533

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Section 5
Third Party Validation Reports

Steve Stodola
US EPA Approval Signature

1/30/04
Date
January 30, 2004

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

Re: TO No. 16, Task No. 2, TDF No. 1224
Case No. Centredale Manor Sediments, SDG No. 49715-59
Battelle Laboratories - Columbus, OH
Centredale Manor, North Providence, RI

Dioxin/Furan: 18/Sediment/ CMS-SD-4212-0000-0010, CMS-SD-4212-0055-0065, CMS-SD-4212-0125-0135, CMS-SD-4213-0055-0065, CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0085-0095, CMS-SD-4222-0125-0135, LPX-SD-4201-0035-0045, LPX-SD-4201-0095-0105, LPX-SD-4201-0125-0135, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4208-0190-0200, LPX-SD-4209-0000-0010, LPX-SD-4209-0145-0155

1/Soil SRM/ CIL EDF 2513 (49715-59-24)

Dear Ms. Clark:

A Tier III data validation was performed on the Dioxin/Furan analytical data for 18 sediments, and one SRM sample collected by USGS for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The samples were analyzed according to EPA Method 1613B, September 15, 1997. The samples were validated using first the criteria in the Centredale Manor Tasks 19-22 QAPP (5/23/01) which included the QAPP Addendum (dated September 27, 2002) and the QAPP Errata Sheet (dated November 6, 2002) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03). The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- * Data Completeness
- * Preservation and Technical Holding Times

January 30, 2004

Initial and Continuing Calibrations

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

VER Date	Compound	Recovery (ng/ml)	Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
10/04/03 (Beginning)	123478-HxCDF	57	45-56	J	UJ	CMS-SD-4212-0000-0010, CMS-SD-4212-0055-0065, CMS-SD-4212-0125-0135, CMS-SD-4213-0055-0065, CMS-SD-4222-0125-0135, LPX-SD-4208-0190-0200
10/05/03 (Ending)	123478-HxCDF	59	45-56	J	UJ	CMS-SD-4212-0000-0010, CMS-SD-4212-0055-0065, CMS-SD-4212-0125-0135, CMS-SD-4213-0055-0065, CMS-SD-4222-0125-0135, LPX-SD-4208-0190-0200
10/05/03 (Beginning)	123478-HxCDF	58	45-56	J	UJ	CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0085-0095, LPX-SD-4201-0125-0135, LPX-SD-4208-0000-0010, LPX-SD-4209-0000-0010, LPX-SD-4209-0145-0155
10/06/03 (Beginning)	123478-HxCDF	57	45-56	J	UJ	LPX-SD-4201-0035-0045, LPX-SD-4201-0095-0105, LPX-SD-4207-0110-0120

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

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*	●	PE Samples/Accuracy Check
*	●	Window Defining Mix
	●	Initial and Continuing Calibrations
*	●	Chromatographic Resolution
*	●	Instrument Sensitivity Check
	●	Blanks
*	●	Matrix Spike/Matrix Spike Duplicate
*	●	Laboratory Control Sample/Laboratory Control Sample Duplicate
*	●	Laboratory and Field Duplicates
	●	Internal/Clean-up Standards
*	●	Sample Analysis and Identification
	●	Sample Quantitation
*	●	Estimated Detection Limits (EDL) and Estimated Maximum Possible Concentration (EMPC)
	●	2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity
*	●	Required Sample Reruns and Second Column Confirmation
*	●	System Performance

* - All criteria were met for this parameter.

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

Table I: Recommendation Summary Table - summarizes validation recommendations

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

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

Overall Evaluation of Data and Potential Usability Issues

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

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

One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners are within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value.

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 the

Blanks

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

Congener	Type of Blank	Blank Concentration*	Action Level*	Affected Samples
123478-HxCDD	Method Blank (10/05/03)	4.6	23	CMS-SD-4212-0125-0135, CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0125-0135, LPX-SD-4201-0035-0045, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4208-0190-0200, LPX-SD-4209-0000-0010, LPX-SD-4209-0145-0155
123678-HxCDD	Method Blank (10/05/03)	5.4	27	CMS-SD-4212-0125-0135, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0125-0135
123789-HxCDD	Method Blank (10/05/03)	11	55	CMS-SD-4212-0125-0135, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0125-0135, LPX-SD-4201-0095-0105, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4209-0000-0010, LPX-SD-4209-0145-0155
1234678-HpCDD	Method Blank (10/05/03)	5.7	28	CMS-SD-4212-0125-0135, CMS-SD-4220-0120-0130, CMS-SD-4222-0125-0135, LPX-SD-4201-0095-0105, LPX-SD-4201-0125-0135
OCDD	Method Blank (10/05/03)	38	380	CMS-SD-4212-0125-0135, CMS-SD-4220-0120-0130, CMS-SD-4222-0125-0135, LPX-SD-4201-0095-0105, LPX-SD-4201-0125-0135
23478-PeCDF	Method Blank (10/05/03)	3.1	16	CMS-SD-4212-0000-0010, CMS-SD-4212-0125-0135, CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0125-0135, LPX-SD-4201-0095-0105, LPX-SD-4208-0000-0010, LPX-SD-4209-0000-0010
123478-HxCDF	Method Blank (10/05/03)	3.9	20	CMS-SD-4212-0125-0135, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, LPX-SD-4201-0095-0105

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Congener	Type of Blank	Blank Concentration*	Action Level*	Affected Samples
123678-HxCDF	Method Blank (10/05/03)	4.4	22	CMS-SD-4212-0125-0135, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, LPX-SD-4201-0095-0105, LPX-4208-0000-0010, LPX-SD-4209-0000-0010
123789-HxCDF	Method Blank (10/05/03)	5.1	26	CMS-SD-4212-0000-0010, CMS-SD-4212-0055-0065, CMS-SD-4212-0125-0135, CMS-SD-4213-0055-0065, CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4222-0025-0035, CMS-SD-4222-0125-0135, LPX-SD-4201-0035-0045, LPX-SD-4201-0095-0105, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4208-0190-0200, LPX-SD-4209-0000-0010
234678-HxCDF	Method Blank (10/05/03)	6.1	30	CMS-SD-4212-0000-0010, CMS-SD-4212-0125-0135, CMS-SD-4213-0055-0065, CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0125-0135, LPX-SD-4201-0035-0045, LPX-SD-4201-0095-0105, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4209-0000-0010
1234678-HpCDF	Method Blank (10/05/03)	6.6	33	CMS-SD-4212-0125-0135, CMS-SD-4220-0120-0130, LPX-SD-4201-0095-0105, LPX-SD-4201-0125-0135
1234789-HpCDF	Method Blank (10/05/03)	4.3	22	CMS-SD-4212-0000-0010, CMS-SD-4212-0125-0135, CMS-SD-4220-0030-0040, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, CMS-SD-4222-0025-0035, CMS-SD-4222-0125-0135, LPX-SD-4201-0035-0045, LPX-SD-4201-0095-0105, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4209-0000-0010, LPX-SD-4209-0145-0155
OCDF	Method Blank (10/05/03)	23	230	CMS-SD-4212-0125-0135, CMS-SD-4220-0060-0070, CMS-SD-4220-0120-0130, LPX-SD-4201-0095-0105, LPX-SD-4201-0125-0135, LPX-SD-4207-0110-0120

* Due to varying sample sizes, the blank concentrations and action levels are based on a 3.3 pg/g average sample size.

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

Internal/Clean-Up Standards

- Internal Standards

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

Internal Standard	% Recovery	Action		Affected Samples
		Positive Detects	NDs	
$^{13}C_{12}$-2378-TCDF	17	J	UJ	CMS-SD-4212-0000-0010
$^{13}C_{12}$-123478-HxCDD	24	J	UJ	CMS-SD-4220-0030-0040
$^{13}C_{12}$-2378-TCDF	13	J	UJ	CMS-SD-4220-0030-0040
$^{13}C_{12}$-123678-HxCDF	23	J	UJ	CMS-SD-4220-0030-0040

The corresponding non-labeled congeners are estimated as shown in the table because the internal standard recoveries are outside criterion.

- Clean-up Standards

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

Clean-up Standard	% Recovery	Action		Affected Sample
		Positive Detects	NDs	
$^{37}Cl_4$-1234-TCDD	152	J	UJ	CMS-SD-4213-0055-0065

The corresponding non-labeled congeners are estimated as shown in the table because the clean-up standard recovery is outside criterion.

Sample Quantitation

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

Samples CMS-SD-4212-0000-0010 (29.4%), CMS-SD-4212-0055-0065 (24.8%), CMS-SD-4213-0055-0065 (27.5%), CMS-SD-4220-0030-0040 (28.9%), CMS-SD-4222-0085-0095 (27.2%), CMS-SD-4222-0125-0135 (30.0%), LPX-SD-4201-0095-0105 (21.0%), LPX-SD-4201-0125-0135 (20.6%), LPX-SD-4208-0000-0010 (24.0%), LPX-SD-4208-0190-0200 (25.4%), and LPX-SD-4209-0000-0010 (26.0%) have % solids ≤ 30%. Because the laboratory did not increase the sample size to account for the low % solids, the positive and non-detected results are estimated (J, UJ).

The following table summarizes the positive sample results which were quantitated above the highest calibration standard:

Congener	Affected Samples
2378-TCDD	CMS-SD-4212-0000-0010, CMS-SD-4212-0055-0065, CMS-SD-4213-0055-0065, CMS-SD-4220-0030-0040, CMS-SD-4222-0025-0035, LPX-SD-4201-0035-0045, LPX-SD-4207-0110-0120, LPX-SD-4208-0000-0010, LPX-SD-4209-0000-0010, LPX-SD-4209-0145-0155
OCDD	CMS-SD-4213-0055-0065

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

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

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

System Performance

No trends are noted.

January 30, 2004

Very truly yours,

LOCKHEED ENVIRONMENTAL

Janine Bartels
Principal Scientist

Louis Macri
ESAT Program Manager

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

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

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: Centredale Manor Sediments/SDG No. 49715-59

Sample Nos.	CMS-SD-4212-0000-0010	CMS-SD-4212-0055-0065	CMS-SD-4212-0125-0135	CMS-SD-4213-0055-0065	CMS-SD-4220-0030-0040	CMS-SD-4220-0060-0070	CMS-SD-4220-0120-0130	CMS-SD-4222-0025-0035	CMS-SD-4222-0085-0095	CMS-SD-4222-0125-0135
Compound										
2378-TCDD	J[5,6]	J[5,6]	A	J[4,5,6]	J[5,6]	A	A	J[6]	J[5]	J[5]
12378-PeCDD	J[5]	J[5]	A	J[4,5]	J[5]	A	A	A	J[5]	J[5]
123478-HxCDD	J[5]	J[5]	J[2]	J[4,5]	J[2,3,5]	J[2]	J[2]	J[2]	J[5]	J[2,5]
123678-HxCDD	J[5]	J[5]	J[2]	J[4,5]	J[5]	J[2]	J[2]	A	J[5]	J[2,5]
123789-HxCDD	J[5]	J[5]	J[2]	J[4,5]	J[5]	J[2]	J[2]	J[2]	J[5]	J[2,5]
1234678-HpCDD	J[5]	J[5]	J[2]	J[4,5]	J[5]	A	J[2]	A	J[5]	J[2,5]
OCDD	J[5]	J[5]	J[2]	J[4,5,6]	J[5]	A	J[2]	A	J[5]	J[2,5]
2378-TCDF	J[3,5]	J[5]	A	J[4,5]	J[3,5]	A	A	A	J[5]	J[5]
12378-PeCDF	J[5]	J[5]	A	J[4,5]	J[5]	A	A	A	J[5]	J[5]
23478-PeCDF	J[2,5]	J[5]	J[2]	J[4,5]	J[2,5]	J[2]	J[2]	J[2]	J[5]	J[2,5]
123478-HxCDF	J[1,5]	J[1,5]	J[1,2]	J[1,4,5]	J[1,5]	J[1,2]	J[1,2]	J[1]	J[1,5]	J[1,5]
123678-HxCDF	J[5]	J[5]	J[2]	J[4,5]	J[3,5]	J[2]	J[2]	A	J[5]	J[5]
123789-HxCDF	J[2,3]	J[2,5]	J[2]	J[2,4,5]	J[2,5]	J[2]	A	J[2]	J[5]	J[2,5]
234678-HxCDF	J[2,5]	J[5]	J[2]	J[2,4,5]	J[2,5]	J[2]	J[2]	J[2]	J[5]	J[2,5]
1234678-HpCDF	J[5]	J[5]	J[2]	J[4,5]	J[5]	A	J[2]	A	J[5]	J[5]
1234789-HpCDF	J[2,5]	J[5]	J[2]	J[4,5]	J[2,5]	J[2]	J[2]	J[2]	J[5]	J[2,5]
OCDF	J[5]	J[5]	J[2]	J[4,5]	J[5]	J[2]	J[2]	A	J[5]	J[5]

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: Centredale Manor Sediments/SDG No. 49715-59

Sample Nos.	LPX-SD-4201-0035-0045	LPX-SD-4201-0095-0105	LPX-SD-4201-0125-0135	LPX-SD-4207-0110-0120	LPX-SD-4208-0000-0010	LPX-SD-4208-0190-0200	LPX-SD-4209-0000-0010	LPX-SD-4209-0145-0155
Compound								
2378-TCDD	J[6]	J[5]	J[5]	J[6]	J[5,6]	J[5]	J[5,6]	J[6]
12378-PeCDD	A	J[5]	J[5]	A	J[5]	J[5]	J[5]	A
123478-HxCDD	J[2]	J[5]	J[5]	J[2]	J[2,5]	J[2,5]	J[2,5]	J[2]
123678-HxCDD	A	J[5]	J[5]	A	J[5]	J[5]	J[5]	A
123789-HxCDD	A	J[2,5]	J[5]	J[2]	J[2,5]	J[5]	J[2,5]	J[2]
1234678-HpCDD	A	J[2,5]	J[2,5]	A	J[5]	J[5]	J[5]	A
OCDD	A	J[2,5]	J[2,5]	A	J[5]	J[5]	J[5]	A
2378-TCDF	A	J[5]	J[5]	A	J[5]	J[5]	J[5]	A
12378-PeCDF	A	J[5]	J[5]	A	J[5]	J[5]	J[5]	A
23478-PeCDF	A	J[2,5]	J[5]	A	J[2,5]	J[5]	J[2,5]	A
123478-HxCDF	J[1]	J[1,2,5]	J[1,5]	J[1]	J[1,5]	J[1,5]	J[1,5]	J[1]
123678-HxCDF	A	J[2,5]	J[5]	A	J[2,5]	J[5]	J[2,5]	A
123789-HxCDF	J[2]	J[2,5]	J[5]	J[2]	J[2,5]	J[2,5]	J[2,5]	A
234678-HxCDF	J[2]	J[2,5]	J[5]	J[2]	J[2,5]	J[5]	J[2,5]	A
1234678-HpCDF	A	J[2,5]	J[2,5]	A	J[5]	J[5]	J[5]	A
1234789-HpCDF	J[2]	J[2,5]	J[5]	J[2]	J[2,5]	J[5]	J[2,5]	J[2]
OCDF	A	J[2,5]	J[2,5]	J[2]	J[5]	J[5]	J[5]	A

Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J[1]	-	VER % recovery outside criterion; J detects, UJ non-detects.
J[2]	-	Method blank contamination; positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J[3]	-	Internal standard % recovery outside criterion: J detects, UJ non-detects.
J[4]	-	Clean-up standard % recovery outside criterion: J detects, UJ non-detects.
J[5]	-	Percent solids less than 30%: J detects, UJ non-detects.
J[6]	-	Concentration above highest calibration standard: 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 Centredale Manor Tasks 19-22 QAPP (5/23/01): To generate data of quality sufficient to be used for a RI/FS.	Yes, Sampling Method appropriate for all samples. Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: j-3,14A	Refer to qualification in R/S Key on Table I: j[5]	**	One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners are within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value. 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 1 for a summary of the qualifiers applied due to blank contamination. Data validation indicated minor data quality problems which do not significantly impact the usability of the data.

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

** Sampling variability is not assessed in data validation.

Validator: _____

Date: 1/30/04

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Data Summary Table
Dioxin/Furan - Sediment Samples
(Dry Wt)

fale Manor - N. Providence, RI
antredale Manor Sediments
Y: Battelle

SDG No. 49715-59

SAMPLE NUMBER:	Toxicity	CMS-SD-4212-0000-0010		CMS-SD-4212-0055-0065		CMS-SD-4212-0125-0135		CMS-SD-4213-0055-0065		CMS-SD-4220-0030-0040	
STATION LOCATION:	Equivalency	125A		125A		125A		124A		122A	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*
	1.0	8933.85 J		15962.06 J		150.94		52828.45 J		8373.18 J	
DD	1.0	16.75 J		33.46 J		1.50 J		42.00 J		14.75 J	
CDD	0.1	48.26 J		34.23 J		U	0.81	32.85 J		UJ	18.07
CDD	0.1	68.62 J		118.58 J		U	1.75	124.85 J		68.53 J	
CDD	0.1	65.03 J		126.39 J		U	2.14	135.03 J		65.51 J	
HpCDD	0.01	1699.30 J		2423.43 J		U	19.61	3141.20 J		1490.12 J	
	0.0001	12004.00 J		15397.13 J		U	178.62	21472.21 J		10257.87 J	
	0.1	42.28 J		188.86 J		3.84		125.88 J		43.51 J	
DF	0.05	6.26 J		23.26 J		1.85 J		13.81 J		12.51 J	
DF	0.5	UJ	15.77	56.26 J		U	2.10	52.69 J		UJ	15.51
CDF	0.1	39.14 J		166.03 J		UJ	3.62	98.04 J		36.60 J	
CDF	0.1	34.54 J		180.05 J		U	3.20	69.16 J		37.00 J	
CDF	0.1	UJ	0.55	UJ	1.10	U	0.96	UJ	0.41	UJ	2.03
CDF	0.1	UJ	20.35	91.66 J		U	2.03	UJ	28.38	UJ	22.35
HpCDF	0.01	439.87 J		2838.32 J		U	20.74	557.61 J		487.96 J	
HpCDF	0.01	UJ	22.85	69.48 J		U	1.84	33.03 J		UJ	20.98
	0.0001	769.83 J		1748.66 J		U	18.71	709.03 J		771.96 J	
TOXIC EQUIVALENT(1):		9000 J		16000 J		150 J		53000 J		8400 J	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0	
PERCENT SOLIDS:		29.4		24.8		31.4		27.5		28.9	
DATE SAMPLED:		05/07/03		05/07/03		05/07/03		05/07/03		05/07/03	
DATE OF RECEIPT:		09/05/03		09/05/03		09/05/03		09/05/03		09/05/03	
SAMPLE EXTRACTION DATE:		09/17/03		09/17/03		09/17/03		09/17/03		09/17/03	
ANALYSIS DATE:		10/04/03		10/04/03		10/04/03		10/04/03		10/05/03	
LAB SAMPLE ID:		T2134		T2130		T2132		T2126		T2191	

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.
lues are not qualified with a "J", since they are already estimated.
c Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and
nvironmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
s reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

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Data Summary Table
Dioxin/Furan - Sediment Samples
(Dry Weight)

idale Manor - N. Providence, RI
Centredale Manor Sediments SDG No. 49715-59
RY: Battelle

SAMPLE NUMBER:	Toxicity Equivalency Factors (1)	CMS-SD-4220-0050-0070			CMS-SD-4220-0120-0130			CMS-SD-4222-0025-0035			CMS-SD-4222-0085-0095			CMS-SD-4222-0125-0135		
STATION LOCATION:		122A			122A			120A			120A			120A		
MATRIX:		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*
D	1.0	653.17			33.37			6820.01	J		1045.69	J		29.84	J	
CDD	1.0	1.51	J			U	0.65	8.35			22.98	J		1.51	J	
ixCDD	0.1		U	2.44		U	0.90		U	8.48	37.81	J			UJ	0.49
ixCDD	0.1		U	6.88		U	0.40	38.48			124.93	J			UJ	1.69
ixCDD	0.1		U	7.36		U	0.61		U	27.40	149.10	J			UJ	1.83
-HpCDD	0.01	125.92				U	5.84	873.19			2051.00	J			UJ	17.80
	0.0001	974.69				U	62.70	7402.65			11046.33	J			UJ	206.49
F	0.1	4.96			2.11			34.75			130.65	J		192.97	J	
CDF	0.05	1.24	J		0.63	J		7.31	J		33.66	J		19.37	J	
CDF	0.5		U	1.82		U	0.69		U	12.83	92.41	J			UJ	9.12
ixCDF	0.1		UJ	4.79		UJ	1.43	27.99	J		284.03	J		30.93	J	
ixCDF	0.1		U	4.51		U	0.64	23.58			214.47	J		37.60	J	
ixCDF	0.1		U	1.04		U	0.67		U	1.32		UJ	1.61		UJ	1.15
ixCDF	0.1		U	4.30		U	0.67		U	14.38	80.96	J			UJ	17.15
-HpCDF	0.01	54.89				U	3.22	299.56			2278.03	J		778.22	J	
-HpCDF	0.01		U	5.69		U	0.30		U	14.28	83.65	J			UJ	16.07
	0.0001		U	91.91		U	3.99	505.83			1426.23	J		3606.83	J	
TOXIC EQUIVALENT(1):		660	J		34	J		8600	J		1300	J		67	J	
DILUTION FACTOR:		1.0			1.0			1.0			8.0			1.0		
PERCENT SOLIDS:		54.3			44.2			36.0			27.2			30.0		
DATE SAMPLED:		05/07/2003			05/07/2003			05/08/2003			05/08/2003			05/08/2003		
DATE OF RECEIPT:		09/05/2003			09/05/2003			09/05/2003			09/05/2003			09/05/2003		
SAMPLE EXTRACTION DATE:		09/17/2003			09/17/2003			09/17/2003			09/17/2003			09/17/2003		
ANALYSIS DATE:		10/05/2003			10/05/2003			10/05/2003			10/05/2003			10/04/2003		
LAB SAMPLE ID:		T2190			T2194			T2221			T2220			T2156		

s 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.
alues are not qualified with a "J", since they are already estimated.
xic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
ns reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

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Data Summary Table
Dioxin/Furan - Sediment Samples
(Dry Weight)

ala Manor - N. Providence, RI
ntredale Manor Sediments
Y: Battelle

SDG No. 49715-59

SAMPLE NUMBER:	Toxicity	LPX-SD-4201-0035-0045		LPX-SD-4201-0095-0105		LPX-SD-4201-0125-0135		LPX-SD-4207-0110-0120		LPX-SD-4208-0030-0010	
STATION LOCATION:	Equivalency	188A		188A		188A		217A		223A	
MATRIX:	Factors (1)	SEDIVENT		SEDIVENT		SEDIVENT		SEDIVENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*
	1.0	7475.42 J		12.85 J		11.82 J		1410.66 J		4311.95 J	
DD	1.0	40.45 J		0.68 J		UJ	3.14	7.82 J		11.17 J	
CDD	0.1	U	18.92	UJ	0.97	UJ	15.45	U	7.74	UJ	14.49
CDD	0.1	60.77		UJ	1.02	UJ	15.16	34.08 J		48.56 J	
CDD	0.1	64.63 J		UJ	2.03	UJ	14.93	U	27.59	UJ	48.38
tpCDD	0.01	1215.92		UJ	5.24	UJ	8.95	734.42		1150.34 J	
	0.0001	7266.78		UJ	74.68	UJ	92.70	5394.81		8786.35 J	
	0.1	105.92		1.99 J		UJ	1.34	25.78		29.55 J	
DF	0.05	13.69		1.86 J		UJ	3.56	4.27 J		8.28 J	
DF	0.5	33.07		UJ	1.58	UJ	3.25	11.92 J		UJ	11.74
CDF	0.1	58.26 J		UJ	1.77	UJ	3.07	22.22 J		28.13 J	
CDF	0.1	56.37		UJ	1.36	UJ	3.44	18.14 J		UJ	27.24
CDF	0.1	U	2.48	UJ	1.06	UJ	3.62	U	1.45	UJ	2.92
CDF	0.1	U	30.21	UJ	1.36	UJ	3.69	U	12.14	UJ	17.14
tpCDF	0.01	597.64		UJ	3.97	UJ	4.26	175.37 J		408.69 J	
tpCDF	0.01	U	22.21	UJ	1.13	UJ	9.00	U	9.11	UJ	20.46
	0.0001	551.72		UJ	4.00	UJ	7.05	U	371.85	709.14 J	
TOXIC EQUIVALENT(1):		7500 J		14 J		12 J		1400 J		4400 J	
DILUTION FACTOR:		1.0		1.0		3.0		1.0		1.0	
PERCENT SOLIDS:		34.4		21.0		20.6		45.7		24.0	
DATE SAMPLED:		05/08/2003		05/08/2003		05/08/2003		05/09/2003		05/09/2003	
DATE OF RECEIPT:		09/05/2003		09/05/2003		09/05/2003		09/05/2003		09/05/2003	
SAMPLE EXTRACTION DATE:		09/17/2003		09/17/2003		09/17/2003		09/17/2003		09/17/2003	
ANALYSIS DATE:		10/05/2003		10/06/2003		10/05/2003		10/05/2003		10/05/2003	
LAB SAMPLE ID:		T2264		T2265		T2216		T2224		T2187	

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.
ues are not qualified with a "J", since they are already estimated.
e Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and
vironmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
s reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

Data Summary Table
Dioxin/Furan - Sediment Samples
(Dry Weight)

edale Manor - N. Providence, RI
Centredale Manor Sediments SDG No. 49715-59
RY: Battelle

SAMPLE NUMBER:	Toxicity	LPX-SD-4208-0190-0200			LPX-SD-4208-0000-0010			LPX-SD-4209-0145-0155		
STATION LOCATION:	Equivalency	223A			219A			219A		
MATRIX:	Factors (1)	SEDIMENT			SEDIMENT			SEDIMENT		
TCDD/TCDF CONC.:		pg/g		DL/EMPC*	pg/g		DL/EMPC*	pg/g		DL/EMPC*
)D	1.0	13.90	J		4174.28	J		1331.01	J	
)CDD	1.0	14.85	J		9.94	J		15.74		
HxCDD	0.1		UJ	24.91		UJ	13.61		U	13.65
HxCDD	0.1	50.15	J		37.79	J		52.27		
HxCDD	0.1	105.16	J			UJ	41.79		U	48.49
3-HpCDD	0.01	861.93	J		1077.29	J		788.59		
	0.0001	3604.86	J		10170.82	J		4799.27		
)F	0.1	48.54	J		24.47	J		126.29		
)CDF	0.05	75.46	J		6.57	J		24.15		
)CDF	0.5	53.80	J			UJ	11.33	42.50		
HxCDF	0.1	241.61	J		26.11	J		66.85	J	
HxCDF	0.1	336.49	J			UJ	24.50	80.99		
HxCDF	0.1		UJ	16.01		UJ	0.31		U	0.75
HxCDF	0.1	87.44	J			UJ	12.59	32.41		
3-HpCDF	0.01	2098.61	J		344.09	J		905.20		
3-HpCDF	0.01	170.40	J			UJ	16.10		U	26.35
	0.0001	2820.27	J		708.33	J		662.72		
TOXIC EQUIVALENT(1):		180	J		4200	J		1400	J	
DILUTION FACTOR:		1.0			1.0			1.0		
PERCENT SOLIDS:		25.4			26.0			35.1		
DATE SAMPLED:		05/09/2003			05/09/2003			05/09/2003		
DATE OF RECEIPT:		09/05/2003			09/05/2003			09/05/2003		
SAMPLE EXTRACTION DATE:		09/17/2003			09/17/2003			09/17/2003		
ANALYSIS DATE:		10/04/2003			10/05/2003			10/05/2003		
LAB SAMPLE ID:		T2165			T2210			T2209		

es 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.
values are not qualified with a "J", since they are already estimated.
xic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
ons reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

Steve Stordola
US EPA Approval Signature

1/30/04
Date
January 30, 2004

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

Re: TO No. 16, Task No. 2, TDF No. 1225
Case No. Centredale Manor Sediments, SDG No. 49715-71
Battelle Laboratories - Columbus, OH
Centredale Manor, North Providence, RI

Dioxin/Furan: 2/Sediment/LPX-SD-4207-0000-0010, LPX-SD-4208-0120-0130

1/Soil SRM/Wellington DX-2 (49715-71-06)

Dear Ms. Clark:

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

	• Overall Evaluation of Data and Potential Usability Issues
*	• Data Completeness (CSF Audit - Tier I)
*	• Preservation and Technical Holding Times
	• PE Samples/Accuracy Check
*	• Window Defining Mix
	• Initial and Continuing Calibrations
*	• Chromatographic Resolution
*	• Instrument Sensitivity Check
*	• Blanks
	• Matrix Spike/Matrix Spike Duplicate
*	• Laboratory Control Sample/Laboratory Control Sample Duplicate
*	• Laboratory and Field Duplicates
*	• Internal/Clean-up Standards
*	• Sample Analysis and Identification

- Sample Quantitation
- * Estimated Detection Limits (EDL) and Estimated Maximum Possible Concentration (EMPC)
- 2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity
- * Required Sample Reruns and Second Column Confirmation
- * System Performance

* - All criteria were met for this parameter.

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

Table I: Recommendation Summary Table - summarizes validation recommendations

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

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

Overall Evaluation of Data and Potential Usability Issues

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

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

One Wellington Laboratories Standard Reference Material (SRM) sample was evaluated for this SDG (Wellington DX-2 for Dioxin/Furan congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value, except for OCDD and 123789-HxCDF. The OCDD and 123789-HxCDF results in all samples are estimated (J, UJ) due to the possibility of biased results.

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

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PE Samples/Accuracy Check

One Wellington Laboratories Standard Reference Material (SRM) sample was evaluated for this SDG (Wellington DX-2 for Dioxin/Furan congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value, except for OCDD and 123789-HxCDF.

The following table summarizes the SRM sample (49715-71-06 SRM) results which do not meet the criterion and the resulting sample qualifications:

PE Sample Number	Congener	%D from the consensus value	Action	
			Positive Detects	NDs
Wellington DX-2	OCDD	34	J	UJ
Wellington DX-2	123789-HxCDF	86	J	UJ

The OCDD and 123789-HxCDF results in all samples are estimated (J, UJ) due to the possibility of biased results.

Initial and Continuing Calibrations

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

VER Date	Compound	Recovery (ng/ml)	Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
10/23/03 (Beginning)	123478-HxCDF	57	45-56	J	UJ	LPX-SD-4207-0000-0010, LPX-SD-4208-0120-0130

The recovery is outside the acceptance range. The data associated with the recoveries of noncompliant calibration verifications are qualified. The quantitation of the associated analytes in the samples could be biased.

Matrix Spike/Matrix Spike Duplicate

One MS/MSD pair is evaluated for this SDG: LPX-SD-4208-0120-0130MS/MSD.

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

LPX-SD-4208-0120-0130					
Congener	MS % Rec.	MSD % Rec.	% RPD	Action	
				Positive Detects	NDs
123678-HxCDD	110*	124	11*	J	A
123789-HxCDD	118*	123	4*	J	A
OCDF	120*	122	2*	J	A

* Recoveries and/or RPDs are acceptable

123678-HxCDD, 123789-HxCDD, and OCDF are estimated (J) in sample LPX-SD-4208-0120-0130 since the percent recoveries are outside the required criteria.

Sample Quantitation

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

The following table summarizes the positive sample results which are quantitated above the highest calibration standard.

Congener	Affected Samples
2378-TCDD	LPX-SD-4208-0120-0130
OCDD	LPX-SD-4207-0000-0010

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

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table differ from the values reported by the laboratory. The validated data

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January 30, 2004

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 were noted.

Very truly yours,

LOCKHEED ENVIRONMENTAL

Janine Bartels
Principal Scientist

Louis Macri
ESAT Program Manager

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

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

Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J^1	-	SRM recovery outside criterion; J detects, UJ non-detects.
J^2	-	VER % recovery outside criterion; J detects, UJ non-detects.
J^3	-	MS/MSD % recovery is outside criterion: J detects.
J^4	-	Concentration above highest calibration standard: 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 Centredale Manor Tasks 19-22 QAPP (5/23/01): To generate data of quality sufficient to be used for a RI/FS.	Yes, Sampling Method appropriate for all samples. Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: J, J+, J-	Refer to qualification in R/S Key on Table I: NA	**	One Wellington Laboratories Standard Reference Material (SRM) sample is evaluated for this SDG (Wellington DX-2 for Dioxin/Furan congeners in soil). All congeners are within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value, except for OCDD and 123789-HxCDF. The OCDD and 123789-HxCDF results in all samples are estimated (J, UJ) due to the possibility of biased results. Data validation indicated minor data quality problems which do not significantly impact the usability of the data.

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

Validator: _____

Date: 1/30/04

024/026

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: Centredale Manor Sediments/SDG No. 49715-71

Sample Nos.	LPX-SD-4207-0000-0010	LPX-SD-4208-0120-0130
Compound		
2378-TCDD	A	J[4]
12378-PeCDD	A	A
123478-HxCDD	A	A
123678-HxCDD	A	J[3]
123789-HxCDD	A	J[3]
1234678-HpCDD	A	A
OCDD	J[1,4]	J[1]
2378-TCDF	A	A
12378-PeCDF	A	A
23478-PeCDF	A	A
123478-HxCDF	J[2]	J[2]
123678-HxCDF	A	A
123789-HxCDF	J[1]	J[1]
234678-HxCDF	A	A
1234678-HpCDF	A	A
1234789-HpCDF	A	A
OCDF	A	J[3]

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redale Manor - N. Providence, RI
Centredale Manor Sediments SDG No. 49715-71
DRY: Battelle

SAMPLE NUMBER:	Toxicity	LPX-SD-4207-0000-0010		LPX-SD-4208-0120-0130	
STATION LOCATION:	Equivalency	217A		223A	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*
OD	1.0	778.46		3749.57 J	
eCDD	1.0	17.27		13.32	
HxCDD	0.1	30.43		8.27 J	
HxCDD	0.1	104.14		27.93 J	
HxCDD	0.1	100.00		27.04 J	
8-HpCDD	0.01	2426.81		515.27	
	0.0001	18863.79 J		3578.55 J	
OF	0.1	13.17		69.17	
eCDF	0.05	6.84 J		6.60 J	
eCDF	0.5	7.52		25.22	
HxCDF	0.1	27.02 J		34.76 J	
HxCDF	0.1	28.28		22.70	
HxCDF	0.1	0.62 J		1.02 J	
HxCDF	0.1	18.28		16.71	
8-HpCDF	0.01	543.79		185.05	
9-HpCDF	0.01	26.48		9.79 J	
	0.0001	1312.80		258.08 J	
TOXIC EQUIVALENT(1):		860 J		3800 J	
DILUTION FACTOR:		1.0		1.0	
PERCENT SOLIDS:		35.4		49.7	
DATE SAMPLED:		05/08/03		05/09/03	
DATE OF RECEIPT:		09/05/03		09/05/03	
SAMPLE EXTRACTION DATE:		10/17/03		10/17/03	
ANALYSIS DATE:		10/23/03		10/23/03	
LAB SAMPLE ID:		T2153		T2164	

ues 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. values are not qualified with a "J", since they are already estimated.
oxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
ons reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

01/31/2004 SAT 10:19 FAX

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION I OEME
11 TECHNOLOGY DRIVE
NORTH CHELMSFORD, MA 01863-2431

FAX COVER SHEET

TO: Deirdre Dahlen

OFFICE: Battelle PHONE: 781-952-5253

FAX NUMBER: 781-934-2124

FROM: Steve Stodola

BRANCH/SECTION: QA Unit PHONE: 617-918-8634

FAX NUMBER: 617-918-8397

NUMBER OF PAGES (including cover sheet): 17

DATE SENT: 8JAN04

****

US EPA ARCHIVE DOCUMENT

Steve Stodola 1-7-04

US EPA Approval Signature Date

December 24, 2003
Revised: January 6, 2004

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

Re: TO No. 16, Task No. 2, TDF No. 1199
Case No. Centredale Manor TCDD Sediments, SDG No. 49715-51
Battelle Laboratories - Columbus, OH
Centredale Manor, North Providence, RI

Dioxin/Furan: 20/Sediment/ CMS-SD-4204-0005-0010, CMS-SD-4204-0055-0060, CMS-SD-4204-0200-0210, CMS-SD-4206-0035-0045, CMS-SD-4206-0105-0115, CMS-SD-4206-0140-0145, CMS-SD-4209-0035-0045, CMS-SD-4209-0065-0075, CMS-SD-4209-0160-0170, CMS-SD-4210-0030-0040, CMS-SD-4210-0080-0090, C MS-SD-4210-0200-0210, CMS-SD-4213-0035-0045, CMS-SD-4213-0115-0125, CMS-SD-4218-0035-0045, CMS-SD-4218-0070-0080, CMS-SD-4218-0150-0160, CMS-SD-4219-0035-0045, CMS-SD-4219-0075-0085, CMS-SD-4219-0145-0155

1/Soil SRM/ CIL EDF 2513 (49715-51-24)

Dear Ms. Clark:

A Tier III data validation was performed on the Dioxin/Furan analytical data for 20 sediments, and one SRM sample collected by USGS for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The samples were analyzed according to EPA Method 1613B, September 15, 1997. The samples were validated using first the criteria in the Centredale Manor Tasks 19-22 QAPP (5/23/01) which included the QAPP Addendum (dated September 27, 2002) and the QAPP Errata Sheet (dated November 6, 2002) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/08/03). The data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness

*	•	Preservation and Technical Holding Times
*	•	PE Samples/Accuracy Check
*	•	Window Defining Mix
	•	Initial and Continuing Calibrations
*	•	Chromatographic Resolution
*	•	Instrument Sensitivity Check
	•	Blanks
	•	Matrix Spike/Matrix Spike Duplicate
*	•	Laboratory Control Sample/Laboratory Control Sample Duplicate
*	•	Laboratory and Field Duplicates
	•	Internal/Clean-up Standards
*	•	Sample Analysis and Identification
	•	Sample Quantitation
*	•	Estimated Detection Limits (EDL) and Estimated Maximum Possible Concentration (EMPC)
	•	2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity
*	•	Required Sample Reruns and Second Column Confirmation
*	•	System Performance

* - All criteria are met for this parameter.

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

Table I: Recommendation Summary Table - summarizes validation recommendations

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

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

Overall Evaluation of Data and Potential Usability Issues

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

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

One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value.

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

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

usability of the data.

Data Completeness (CSF Audit - Tier I)

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

1. The dry weight does not agree for sample T2025 on pages 0072 and 0091. The laboratory was asked to reconcile this discrepancy and submit corrected pages where appropriate.

2. The samples appear to be quantitated using the dry weight of the sample. However, the quantitation reports reference a "GPC corrected" weight. The laboratory was asked to explain these discrepancies and submit corrected quantitation reports if appropriate.

3. The Form Is are missing for samples T2025, T2032, T2043, T2050, T2054, T2070, T2071, T2091, T2091MS, T2099, and T2122. The laboratory was asked to submit the Form Is for the referenced samples.

4. Page 1 and page 3 of the SDG Narrative are missing only page 2 (page 1392) is present. The laboratory was asked to submit pages 1 and 3 of the SDG narrative.

Items 1 thru 3 were requested via the TOPO on October 30, 2003. Item 4 was requested via the TOPO on December 4, 2003. The response to items 3 and 4 were received via the TOPO on December 9, 2003. The response to items 1 and 2 were received via the TOPO on December 10, 2003. All items were adequately addressed.

Initial and Continuing Calibrations

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

VER Date	Compound	Recovery (ng/ml)	Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
09/30/03 (Ending)	123478-HxCDF	57	45-56	J	UJ	CMS-SD-4204-0005-0010, CMS-SD-4204-0055-0060, CMS-SD-4204-0200-0210, CMS-SD-4206-0035-0045, CMS-SD-4206-0105-0115, CMS-SD-4218-0070-0080, CMS-SD-4218-0150-0160, CMS-SD-4219-0075-0085
10/02/03 (Ending)	123478-HxCDF	57	45-56	J	UJ	CMS-SD-4209-0065-0075, CMS-SD-4210-0030-0040, CMS-SD-4210-0200-0210, CMS-SD-4219-0035-0045

The recovery is outside the acceptance ranges. The

noncompliant calibration verifications are estimated (J, UJ). The quantitation of the associated analytes in the samples could be biased.

Blanks

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

Congener	Type of Blank	Blank Concentration*	Action Level*	Affected Samples
123478-HxCDD	Method Blank (09/30/03)	0.40	2.0	CMS-SD-4209-0160-0170, CMS-SD-4218-0035-0045, CMS-SD-4218-0150-0160, CMS-SD-4219-0075-0085
123478-HxCDD	Method Blank (10/02/03) Diluted Samples	2.5	13	CMS-SD-4209-0065-0075
123678-HxCDD	Method Blank (09/30/03)	0.41	2.0	CMS-SD-4209-0160-0170
123789-HxCDD	Method Blank (10/02/03) Diluted Samples	4.9	25	CMS-SD-4209-0065-0075
OCDD	Method Blank (09/30/03)	5.4	54	CMS-SD-4204-0200-0210
123478-HxCDF	Method Blank (10/02/03) Diluted Samples	2.1	10	CMS-SD-4210-0200-0210
123678-HxCDF	Method Blank (10/02/03) Diluted Samples	2.3	12	CMS-SD-4210-0200-0210
123789-HxCDF	Method Blank (10/02/03) Diluted Samples	2.3	12	CMS-SD-4209-0065-0075, CMS-SD-4210-0030-0040, CMS-4210-0200-0210, CMS-SD-4219-0035-0045
234678-HxCDF	Method Blank (10/02/03) Diluted Samples	2.7	13	CMS-SD-4209-0065-0075, CMS-SD-4210-0200-0210
OCDF	Method Blank (09/30/03)	1.2	12	CMS-SD-4204-0200-0210, CMS-SD-4219-0145-0155

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Congener	Type of Blank	Blank Concentration*	Action Level*	Affected Samples
OCDF	Method Blank (10/02/03) Diluted Samples	2.4	24	CMS-SD-4210-0200-0210

* Due to varying sample sizes the blank action levels are based on a 3.6 pg/g 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 of the contaminant determined in any blank for common contaminants (OCDD/OCDF) and five times the highest concentration for all other analytes. The positive sample results that are less than the blank action level are reported as non-detects (U) at the reported concentration on the Data Summary Table.

Matrix Spike/Matrix Spike Duplicate

One MS/MSD pair was evaluated for this SDG: CMS-SD-4213-0115-0125MS/MSD.

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

CMS-SD-4213-0115-0125					
Congener	MS % Rec.	MSD % Rec.	% RPD	Action	
				Positive Detects	NDs
123789-HxCDD	113*	126	11*	J	A

* Recoveries and/or RPDs were acceptable

123789-HxCDD is estimated (J) in sample CMS-SD-4213-0115-0125 since the percent recovery is outside the required criterion.

Internal/Clean-Up Standards

- Internal Standards

The following table summarizes the internal standards with recoveries which do not meet the acceptance criterion of 25-150% specified in the Centredale Manor Tasks 19-22 QAPP (5/23/01).

Internal Standard	% Recovery	Action		Affected Samples
		Positive Detects	NDs	
$^{13}C_{12}$-1234678-HpCDD	161	J	UJ	CMS-SD-4204-0005-0010
$^{13}C_{12}$-OCDD	162	J	UJ	CMS-SD-4204-0005-0010
$^{13}C_{12}$-123789-HxCDF	159	J	UJ	CMS-SD-4204-0005-0010
$^{13}C_{12}$-1234678-HpCDF	155	J	UJ	CMS-SD-4204-0005-0010
$^{13}C_{12}$-1234789-HpCDF	159	J	UJ	CMS-SD-4204-0005-0010
$^{13}C_{12}$-2378-TCDF	19	J	UJ	CMS-SD-4204-0055-0060
$^{13}C_{12}$-2378-TCDF	17	J	UJ	CMS-SD-4209-0065-0075
$^{13}C_{12}$-2378-TCDF	17	J	UJ	CMS-SD-4209-0160-0170
$^{13}C_{12}$-2378-TCDF	24	J	UJ	CMS-SD-4210-0030-0040
$^{13}C_{12}$-2378-TCDF	16	J	UJ	CMS-SD-4210-0200-0210
$^{13}C_{12}$-2378-TCDF	21	J	UJ	CMS-SD-4218-0150-0160
$^{13}C_{12}$-2378-TCDF	19	J	UJ	CMS-SD-4219-0035-0045

The corresponding non-labeled congeners are estimated as shown in the table because the internal standard recoveries are outside criterion.

Sample Quantitation

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

Samples CMS-SD-4204-0055-0060 (23.0%), CMS-SD-4206-0035-0045 (22.6%), CMS-SD-4206-0105-0115 (25.3%), CMS-SD-4206-0140-0145 (24.4%), CMS-SD-4213-0115-0125 (26.2%), and CMS-SD-4218-0035-0045 (29.9%) have % solids ≤ 30%. Because the laboratory did not increase the sample size to account for the low % solids, the positive results are estimated (J). There are no non-detected results for these samples.

non-detects.

The following table summarizes the positive sample results which are quantitated above the highest calibration standard.

Congener	Affected Samples
2378-TCDD	CMS-SD-4204-0005-0010, CMS-SD-4206-0035-0045, CMS-SD-4206-0105-0115, CMS-SD-4209-0035-0045, CMS-SD-4209-0065-0075, CMS-SD-4210-0080-0090, CMS-SD-4213-0035-0045, CMS-SD-4218-0070-0080, CMS-SD-4219-0035-0045
OCDD	CMS-SD-4204-0005-0010, CMS-SD-4218-0070-0080

The laboratory did not perform the QAPP required dilutions for 2378-TCDD. The laboratory was not required to analyze dilutions for OCDD. Concentrations quantitated and reported by the laboratory above the highest calibration standard are flagged (J) on the Data Summary Table. Quantitation is not accurate when the reported results are above the highest calibration standard.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

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

System Performance

No trends are noted.

December 24, 2003
Revised: January 6, 2004

Very truly yours,

LOCKHEED ENVIRONMENTAL

Janine Bartels
Principal Scientist

Louis Macri
ESAT Program Manager

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

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

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: Centredale Manor TCDD Sediments/SDG No. 49715-51

Sample Nos.	CMS-SD-4204-0005-0010	CMS-SD-4204-0055-0060	CMS-SD-4204-0200-0210	CMS-SD-4206-0035-0045	CMS-SD-4206-0105-0115	CMS-SD-4206-0140-0145	CMS-SD-4209-0035-0045	CMS-SD-4209-0065-0075	CMS-SD-4209-0160-0170	CMS-SD-4210-0030-0040
Compound										
2378-TCDD	J[6]	J[5]	A	J[5,6]	J[5,6]	J[5]	J[6]	J[6]	A	A
12378-PeCDD	A	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
123478-HxCDD	A	J[5]	A	J[5]	J[5]	J[5]	A	J[2]	J[2]	A
123678-HxCDD	A	J[5]	A	J[5]	J[5]	J[5]	A	A	J[2]	A
123789-HxCDD	A	J[5]	A	J[5]	J[5]	J[5]	A	J[2]	A	A
1234678-HpCDD	J[4]	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
OCDD	J[4,6]	J[5]	J[2]	J[5]	J[5]	J[5]	A	A	A	A
2378-TCDF	A	J[4,5]	A	J[5]	J[5]	J[5]	A	J[4]	J[4]	J[4]
12378-PeCDF	A	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
23478-PeCDF	A	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
123478-HxCDF	J[1]	J[1,5]	J[1]	J[1,5]	J[1,5]	J[5]	A	J[1]	A	J[1]
123678-HxCDF	A	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
123789-HxCDF	J[4]	J[5]	A	J[5]	J[5]	J[5]	A	J[2]	A	J[2]
234678-HxCDF	A	J[5]	A	J[5]	J[5]	J[5]	A	J[2]	A	A
1234678-HpCDF	J[4]	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
1234789-HpCDF	J[4]	J[5]	A	J[5]	J[5]	J[5]	A	A	A	A
OCDF	J[4]	J[5]	J[2]	J[5]	J[5]	J[5]	A	A	A	A

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Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: Centredale Manor TCDD Sediments/SDG No. 49715-51

Sample Nos.	CMS-SD-4210-0080-0090	CMS-SD-4210-0200-0210	CMS-SD-4213-0035-0045	CMS-SD-4213-0115-0125	CMS-SD-4218-0035-0045	CMS-SD-4218-0070-0080	CMS-SD-4218-0150-0160	CMS-SD-4219-0035-0045	CMS-SD-4219-0075-0085	CMS-SD-4219-0145-0155
Compound										
2378-TCDD	J[6]	A	J[6]	J[5]	J[5]	J[6]	A	J[6]	A	A
12378-PeCDD	A	A	A	J[5]	J[5]	A	A	A	A	A
123478-HxCDD	A	A	A	J[5]	J[2,5]	A	J[2]	A	J[2]	A
123678-HxCDD	A	A	A	J[5]	J[5]	A	A	A	A	A
123789-HxCDD	A	A	A	J[3,5]	J[5]	A	A	A	A	A
1234678-HpCDD	A	A	A	J[5]	J[5]	A	A	A	A	A
OCDD	A	A	A	J[5]	J[5]	J[6]	A	A	A	A
2378-TCDF	A	J[4]	A	J[5]	J[5]	A	J[4]	J[4]	A	A
12378-PeCDF	A	A	A	J[5]	J[5]	A	A	A	A	A
23478-PeCDF	A	A	A	J[5]	J[5]	A	A	A	A	A
123478-HxCDF	A	J[1,2]	A	J[5]	J[5]	J[1]	J[1]	J[1]	J[1]	A
123678-HxCDF	A	J[2]	A	J[5]	J[5]	A	A	A	A	A
123789-HxCDF	A	J[2]	A	J[5]	J[5]	A	A	J[2]	A	A
234678-HxCDF	A	J[2]	A	J[5]	J[5]	A	A	A	A	A
1234678-HpCDF	A	A	A	J[5]	J[5]	A	A	A	A	A
1234789-HpCDF	A	A	A	J[5]	J[5]	A	A	A	A	A
OCDF	A	J[2]	A	J[5]	J[5]	A	A	A	A	J[2]

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Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J[1]	-	VER % recovery outside criterion; J detects, UJ non-detects.
J[2]	-	Method blank contamination; positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J[3]	-	MS/MSD % recovery is outside criterion: J detects.
J[4]	-	Internal standard % recovery outside criterion: J detects, UJ non-detects.
J[5]	-	Percent solids less than 30%: J detects.
J[6]	-	Concentration above highest calibration standard: J detects.

US EPA ARCHIVE DOCUMENT

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 a RI/FS.	Yes, Sampling Method appropriate for all samples. Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: J,UJ,X,U	Refer to qualification in R/S Key on Table I: J	**	One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluate this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners were within the Centred Manor Tasks 19-22 QAPP (5/23/01) specified criterion of 30 %D from the consensus value. The method blanks exhibited low level contamination. This contamination problem does not have an i on the usability of the data. Contaminants were found in both the blanks and the field samples. When analyte concentrations in the field samples were less than the corresponding blank action level, the fiel sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Tabl Table I for a summary of the qualifiers applied due to blank contamination. Data validation indicated minor data quality problems which do not significantly impact the usability o data.

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

Validator: _____

Date: 11/6/04

Data Summary Table
Dioxin/Furan - Sediment Samples
(Dry Weight)

SITE: Isle Manor - N. Providence, RI
CASE: Centredale Manor TCDD Sediments SDG No. 49715-51
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	CMS-SD-4204-0005-0010		CMS-SD-4204-0055-0060		CMS-SD-4204-0200-0210		CMS-SD-4206-0035-0045		CMS-SD-4206-0105-0115	
STATION LOCATION:	Equivalency	CMS-SD-4204-0005-0010		CMS-SD-4204-0055-0060		CMS-SD-4204-0200-0210		CMS-SD-4206-0035-0045		CMS-SD-4206-0105-0115	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/E
2,3,7,8-TCDD	1.0	2989.99 J		1622.78 J		1.75		2741.63 J		5451.65 J	
1,2,3,7,8-PeCDD	1.0	20.88		28.33 J			U 0.25	23.66 J		11.99 J	
1,2,3,4,7,8-HxCDD	0.1	80.53		41.78 J			U 0.35	26.69 J		16.46 J	
1,2,3,6,7,8-HxCDD	0.1	94.26		118.02 J			U 0.40	106.08 J		62.69 J	
1,2,3,7,8,9-HxCDD	0.1	103.26		159.44 J			U 0.38	109.63 J		58.88 J	
1,2,3,4,6,7,8-HpCDD	0.01	2344.04 J		2212.82 J		1.89 J		1737.90 J		1627.91 J	
OCDD	0.0001	15426.27 J		13440.18 J			U 23.86	10506.79 J		11291.18 J	
2,3,7,8-TCDF	0.1	34.02		239.35 J			U 0.21	152.10 J		30.53 J	
1,2,3,7,8-PeCDF	0.05	5.66 J		47.98 J			U 0.22	42.39 J		7.67 J	
2,3,4,7,8-PeCDF	0.5	15.88		94.48 J			U 0.20	84.95 J		12.92 J	
1,2,3,4,7,8-HxCDF	0.1	27.90 J		161.52 J			UJ 0.28	188.78 J		35.96 J	
1,2,3,6,7,8-HxCDF	0.1	25.41		110.57 J			U 0.30	152.79 J		32.43 J	
1,2,3,7,8,9-HxCDF	0.1	0.69 J	UJ 64.55				U 0.33		UJ 0.96	0.68 J	
2,3,4,6,7,8-HxCDF	0.1	17.04		61.39 J			U 0.33	77.84 J		20.59 J	
1,2,3,4,6,7,8-HpCDF	0.01	387.29 J		940.20 J		0.63 J		2913.63 J		457.73 J	
1,2,3,4,7,8,9-HpCDF	0.01	21.23 J		49.84 J			U 1.39	72.36 J		21.67 J	
OCDF	0.0001	870.74 J		1062.62 J			U 1.64	1745.57 J		843.81 J	
TOXIC EQUIVALENT(1):		3100 J		1800 J		1.8 J		2900 J		5500 J	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0	
PERCENT SOLIDS:		30.2		23.0		68.4		22.8		25.3	
DATE SAMPLED:		05/06/03		05/06/03		05/06/03		05/06/03		05/06/03	
DATE OF RECEIPT:		09/05/03		09/05/03		09/05/03		09/05/03		09/05/03	
SAMPLE EXTRACTION DATE:		09/17/03		09/17/03		09/17/03		09/17/03		09/17/03	
ANALYSIS DATE:		09/30/03		09/30/03		09/30/03		09/30/03		09/30/03	
LAB SAMPLE ID:		T2090		T2096		T2091		T2100		T2099	

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
Concentrations reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

Dioxin/Furan - Sediment Samples
(Dry Weight)

SITE: Centredale Manor - N. Providence, RI
CASE NO. Centredale Manor TCDD Sediments SDG No. 49715-51
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	CMS-SD-4206-0140-0145		CMS-SD-4209-0035-0045		CMS-SD-4209-0065-0075		CMS-SD-4209-0160-0170		CMS-SD-4210-0030-0040	
STATION LOCATION:	Equivalency	CMS-SD-4206-0140-0145		CMS-SD-4209-0035-0045		CMS-SD-4209-0065-0075		CMS-SD-4209-0160-0170		CMS-SD-4210-0030-0040	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/E
2,3,7,8-TCDD	1.0	216.43 J		3479.12 J		15765.54 J		12.60		1666.17	
1,2,3,7,8-PeCDD	1.0	1.40 J		5.87		4.60 J		0.85 J		10.34 J	
1,2,3,4,7,8-HxCDD	0.1	2.96 J		8.39		U	1.99	U	0.40	11.91 J	
1,2,3,6,7,8-HxCDD	0.1	4.06 J		42.89		11.92		U	1.17	37.80	
1,2,3,7,8,9-HxCDD	0.1	5.60 J		36.15		U	6.91	1.17 J		37.66	
1,2,3,4,6,7,8-HpCDD	0.01	76.65 J		996.71		144.57		8.87		785.98	
OCDD	0.0001	675.87 J		7393.59		1046.93		77.30		5295.67	
2,3,7,8-TCDF	0.1	3.10 J		14.97		21.73 J		54.29 J		27.11 J	
1,2,3,7,8-PeCDF	0.05	1.01 J		4.36 J		3.08 J		4.68 J		4.31 J	
2,3,4,7,8-PeCDF	0.5	1.69 J		7.09		7.45 J		4.11 J		10.42 J	
1,2,3,4,7,8-HxCDF	0.1	4.13 J		21.36		10.68 J		7.44		19.85 J	
1,2,3,6,7,8-HxCDF	0.1	3.09 J		18.99		9.82 J		4.77 J		18.70	
1,2,3,7,8,9-HxCDF	0.1	3.07 J		0.11 J		U	0.31	0.36 J			U
2,3,4,6,7,8-HxCDF	0.1	5.16 J		10.54		U	6.59	2.91 J		14.94 J	
1,2,3,4,6,7,8-HpCDF	0.01	40.94 J		316.06		91.88		29.71		232.88	
1,2,3,4,7,8,9-HpCDF	0.01	9.74 J		14.67		5.31 J		2.33 J		14.77 J	
OCDF	0.0001	92.13 J		654.62		113.66		69.60		494.67	
TOXIC EQUIVALENT(1):		220 J		3500 J		16000 J		23 J		1700 J	
DILUTION FACTOR:		1.0		1.0		3.0		1.0		3.0	
PERCENT SOLIDS:		24.4		45.2		64.9		43.7		48.0	
DATE SAMPLED:		05/06/03		05/07/03		05/07/03		05/07/03		05/07/03	
DATE OF RECEIPT:		09/05/03		09/05/03		09/05/03		09/05/03		09/05/03	
SAMPLE EXTRACTION DATE:		09/17/03		09/17/03		09/17/03		09/17/03		09/17/03	
ANALYSIS DATE:		09/30/03		09/29/03		10/02/03		09/29/03		10/02/03	
LAB SAMPLE ID:		T2203		T2042		T2043		T2047		T2025	

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
Concentrations reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

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Data Summary Table
Dioxin/Furan - Sediment Samples
(Dry Weight)

SITE: C... .edale Manor - N. Providence, RI
CASE NO. Centredale Manor TCDD Sediments SDG No. 49715-51
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	CMS-SD-4210-0080-0090		CMS-SD-4210-0200-0210		CMS-SD-4213-0035-0045		CMS-SD-4213-0115-0125		CMS-SD-4218-0035-0045	
STATION LOCATION:	Equivalency	CMS-SD-4210-0080-0090		CMS-SD-4210-0200-0210		CMS-SD-4213-0035-0045		CMS-SD-4213-0115-0125		CMS-SD-4218-0035-0045	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/E
2,3,7,8-TCDD	1.0	3723.82 J		26.41		6522.14 J		119.39 J		703.00 J	
1,2,3,7,8-PeCDD	1.0	13.79		U	5.36	10.89		4.74 J		1.54 J	
1,2,3,4,7,8-HxCDD	0.1	14.97		U	1.38	13.51		4.83 J		U	J
1,2,3,6,7,8-HxCDD	0.1	55.57		U	1.80	61.26		13.04 J		3.22 J	
1,2,3,7,8,9-HxCDD	0.1	48.53		U	1.43	49.01		23.48 J		4.88 J	
1,2,3,4,6,7,8-HpCDD	0.01	1191.62		13.28 J		1285.45		218.19 J		55.80 J	
OCDD	0.0001	8298.03		102.53		10121.04		1385.72 J		490.10 J	
2,3,7,8-TCDF	0.1	43.40		14.28 J		31.24		70.55 J		6.73 J	
1,2,3,7,8-PeCDF	0.05	9.35		2.71 J		6.05 J		41.07 J		1.59 J	
2,3,4,7,8-PeCDF	0.5	15.52		2.99 J		13.51		23.75 J		2.39 J	
1,2,3,4,7,8-HxCDF	0.1	31.23		UJ	2.98	39.85		155.22 J		4.70 J	
1,2,3,6,7,8-HxCDF	0.1	28.91		U	2.99	27.98		188.57 J		3.69 J	
1,2,3,7,8,9-HxCDF	0.1	0.36 J		U	0.77	0.23 J		5.29 J		0.54 J	
2,3,4,6,7,8-HxCDF	0.1	20.54		U	2.84	16.39		35.76 J		2.26 J	
1,2,3,4,6,7,8-HpCDF	0.01	314.41		14.02 J		352.16		1012.72 J		36.12 J	
1,2,3,4,7,8,9-HpCDF	0.01	14.64		3.08 J		17.07		58.85 J		1.20 J	
OCDF	0.0001	712.61		U	20.12	648.47		1334.40 J		30.98 J	
TOXIC EQUIVALENT(1):		3800 J		30 J		6600 J		200 J		710 J	
DILUTION FACTOR:		1.0		3.0		1.0		1.0		1.0	
PERCENT SOLIDS:		42.4		34.3		33.6		28.2		29.9	
DATE SAMPLED:		05/07/03		05/07/03		05/07/03		05/07/03		05/07/03	
DATE OF RECEIPT:		09/05/03		09/05/03		09/05/03		09/05/03		09/05/03	
SAMPLE EXTRACTION DATE:		09/17/03		09/17/03		09/17/03		09/17/03		09/17/03	
ANALYSIS DATE:		09/29/03		10/02/03		09/30/03		09/30/03		09/30/03	
LAB SAMPLE ID:		T2031		T2032		T2122		T2125		T2070	

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

(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.

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

SITE: Centredale Manor - N. Providence, RI
CASE NO. Centredale Manor TCDD Sediments SDG No. 49715-51
LABORATORY: Battelle

SAMPLE NUMBER:	Toxicity	CMS-SD-4218-0070-0080		CMS-SD-4218-0150-0160		CMS-SD-4219-0035-0045		CMS-SD-4219-0075-0085		CMS-SD-4219-0145-0155	
STATION LOCATION:	Equivalency	CMS-SD-4218-0070-0080		CMS-SD-4218-0150-0160		CMS-SD-4219-0035-0045		CMS-SD-4219-0075-0085		CMS-SD-4219-0145-0155	
MATRIX:	Factors (1)	SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT		SEDIMENT	
TCDD/TCDF CONC.:		pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/EMPC*	pg/g	DL/
2,3,7,8-TCDD	1.0	6040.87 J		25.36		6339.25 J		48.92		7.83	
1,2,3,7,8-PeCDD	1.0	10.81		2.59 J		17.85 J		2.98 J		U	
1,2,3,4,7,8-HxCDD	0.1	33.12		U	1.44	20.00 J		U	1.94	U	
1,2,3,6,7,8-HxCDD	0.1	48.08		3.29 J		74.30		6.77 J		U	
1,2,3,7,8,9-HxCDD	0.1	58.29		6.19 J		75.11		8.03		U	
1,2,3,4,6,7,8-HpCDD	0.01	1488.20		51.36		1095.67		92.19		5.53 J	
OCDD	0.0001	17776.72 J		399.37		7216.39		776.46		74.47	
2,3,7,8-TCDF	0.1	31.16		146.66 J		110.22 J		107.09		0.78 J	
1,2,3,7,8-PeCDF	0.05	5.76 J		56.44		25.17		83.39		U	
2,3,4,7,8-PeCDF	0.5	11.93		25.06		65.76		34.92		U	
1,2,3,4,7,8-HxCDF	0.1	26.65 J		127.82 J		97.83 J		203.14 J		0.83 J	
1,2,3,6,7,8-HxCDF	0.1	23.37		159.73		100.41		243.76		U	
1,2,3,7,8,9-HxCDF	0.1	1.05 J		4.72 J		U	1.18	9.93		U	
2,3,4,6,7,8-HxCDF	0.1	16.19		27.09		61.97		35.45		U	
1,2,3,4,6,7,8-HpCDF	0.01	322.71		973.84		1002.45		1402.35		8.11	
1,2,3,4,7,8,9-HpCDF	0.01	15.31		-52.71		42.69		101.13		U	
OCDF	0.0001	641.33		2512.50		837.82		2403.49		U	
TOXIC EQUIVALENT(1):		6100 J		100 J		5600 J		150 J		8.1 J	
DILUTION FACTOR:		1.0		1.0		3.0		1.0		1.0	
PERCENT SOLIDS:		35.3		30.1		35.6		32.9		39.9	
DATE SAMPLED:		05/07/03		05/07/03		05/07/03		05/07/03		05/07/03	
DATE OF RECEIPT:		08/05/03		08/05/03		08/05/03		08/05/03		08/05/03	
SAMPLE EXTRACTION DATE:		09/17/03		09/17/03		09/17/03		09/17/03		09/17/03	
ANALYSIS DATE:		09/30/03		09/30/03		10/02/03		09/30/03		09/29/03	
LAB SAMPLE ID:		T2071		T2067		T2060		T2064		T2051	

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*", The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.
Concentrations reported by the laboratory below the DL are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

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QUALITY ASSURANCE REVIEW

FOR BATTELLE DUXBURY OPERATIONS

CENTREDALE MANOR RESTORATION PROJECT

SUPERFUND SITE

NORTH PROVIDENCE, RHODE ISLAND

SAMPLES COLLECTED BETWEEN

MAY 6, 2003 AND MAY 9, 2003

November 11, 2003

Prepared for:

BATTELLE DUXBURY OPERATIONS
397 Washington Street
Duxbury, MA 02332

Prepared by:

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

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US EPA ARCHIVE DOCUMENT

Introduction

This quality assurance (QA) review is based upon a rigorous examination of the inorganic and radiological data generated from the analyses of the investigative samples collected between May 6, 2003, and May 9, 2003, as part of the Sediment Stability Study, Centredale Manor Restoration Project Superfund Site in North Providence, Rhode Island. The samples included in this QA review are presented on Table 1.

This review has been performed in accordance with the "Region I, EPA New England Data Validation Functional Guidelines for Evaluating Environmental Analyses" (US EPA, 12/96); the "Centredale Manor Restoration Project Site Final Quality Assurance Project Plan (QAPP) – Addendum to Tasks 19-22 QAPP (5/23/2001)" (Battelle, 9/27/2002); the "Errata to Centredale Manor Tasks 19-22 QAPP – Addendum (9/27/2002)" (Battelle, 11/6/2002); and "Centredale Manor Tasks 19-22 QAPP – Addendum 2 (4/28/2003)."

The analytical results are presented on the data tables in Section 2. Data were examined to determine the usability of the analytical results and compliance relative to the requirements specified in the analytical methods. Qualifier codes have been placed next to the results to enable the data user to quickly assess the qualitative and/or quantitative reliability of any result. Details of this QA review are presented in Section 1 of this report. The Environmental Standards data reviewer performed a Region I Tier II limited validation of the data, including a review of the quality control (QC) summary forms for compliance with applicable methods and for data usability with respect to the appropriate validation guidance documents. Raw data were not reviewed as part of this limited validation. QA reviews of laboratory-generated data routinely identify various problems associated with analytical measurements, even from the most experienced and capable laboratories. This critical QA review identifies data quality issues for specific samples and specific evaluation criteria. The data qualifications allow the data end-user to best understand the usability of the analytical results. It should be understood that data for the samples reviewed and not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

US EPA ARCHIVE DOCUMENT

TABLE 1

SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4215-1218-01	T2267	18439	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4215-1828-01	T2268	18440	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4218-2127-01	T2269	18441	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4218-1621-01	T2270	18442	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4218-1016-01	T2272	18443	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4218-2737-01	T2273	18444	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4218-0010-01	T2274	18445	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-0510-01	T2275	18446	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-1518-01	T2277	18447	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4209-1015-01	T2278	18448	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-1015-01	T2279	18449	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-0005-01	T2280	18450	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-1824-01	T2281	18451	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4209-0005-01	T2283	18452	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4220-0926-01	T2285	18453	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4220-0609-01	T2286	18454	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4220-0006-01	T2287	18455	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4204-0005-01	T2288	18456	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4204-0510-01	T2289	18457	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4204-1015-01	T2290	18458	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4204-1015-01DUP (Laboratory Duplicate)	T2290DUP	18458DUP	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4204-1518-01	T2291	18459	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4204-1823-01	T2292	18460	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4205-0005-01	T2293	18461	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4205-0510-01	T2294	18462	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4205-1017-01	T2295	18463	G487002-RI31	Sed	5/06/03	TOC

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4222-0007-01	T2298	18464	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4217-0409-01	T2299	18465	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4217-0913-01	T2300	18466	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4222-1025-01	T2301	18467	G487002-RI31	Sed	5/08/03	TOC
CMC-SD-4222-0710-01	T2302	18468	G487002-RI31	Sed	5/08/03	TOC
CMC-SD-4217-0004-01	T2303	18469	G487002-RI31	Sed	5/07/03	TOC
CMC-SD-4217-1320-01	T2304	18470	G487002-RI31	Sed	5/07/03	TOC
CMC-SD-4215-0012-01	T2305	18471	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4219-1727-01	T2308	18472	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4219-1017-01	T2310	18473	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4219-0010-01	T2311	18474	G487002-RI31	Sed	5/07/03	TOC
LPX-SD-4209-0008-01	T2312	18475	G487002-RI31	Sed	5/09/03	TOC
LPX-SD-4209-0812-01	T2314	18476	G487002-RI31	Sed	5/09/03	TOC
LPX-SD-4203-3537-01	T2315	18477	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4216-0020-01	T2316	18478	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4216-2023-01	T2317	18479	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4213-0825-01	T2318	18480	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4213-0508-01	T2319	18481	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4213-0005-01	T2320	18482	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-0725-01	T2321	18483	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-0007-01	T2322	18484	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4212-0007-01DUP (Laboratory Duplicate)	T2322DUP	18484DUP	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4216-2332-01	T2323	18485	G487002-RI31	Sed	5/07/03	TOC
LPX-SD-4201-3136-01	T2324	18486	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4204-3438-01	T2325	18487	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4204-0018-01	T2328	18488	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4204-1824-01	T2329	18489	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4204-2427-01	T2330	18490	G487002-RI31	Sed	5/08/03	TOC

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
LPX-SD-4206-1118-01	T2333	18491	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4205-0015-01	T2334	18492	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4205-1523-01	T2335	18493	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4205-2333-01	T2336	18494	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4210-1523-01	T2337	18495	G487002-RI31	Sed	5/09/03	TOC
LPX-SD-4210-2328-01	T2338	18496	G487002-RI31	Sed	5/09/03	TOC
LPX-SD-4210-0015-01	T2339	18497	G487002-RI31	Sed	5/09/03	TOC
LPX-SD-4206-0009-01	T2340	18498	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4211-0510-01	T2341	18499	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4211-0005-01	T2342	18500	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4211-1014-01	T2343	18501	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4211-1421-01	T2344	18502	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4211-2125-01	T2346	18503	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4209-0510-01	T2347	18504	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4209-2836-01	T2348	18505	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4209-1523-01	T2349	18506	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4221-0006-01	T2350	18507	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4214-0511-01	T2353	18508	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4221-0626-01	T2354	18509	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4214-0005-01	T2355	18510	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4214-1122-01	T2356	18511	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4217-2034-01	T2357	18512	G487002-RI31	Sed	5/07/03	TOC
LPX-SD-4208-1125-01	T2359	18513	G487002-RI31	Sed	5/07/03	TOC
LPX-SD-4208-1125-01DUP (Laboratory Duplicate)	T2359DUP	18513DUP	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4223-0004-01	T2360	18514	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4208-0011-01	T2361	18515	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4223-1011-01	T2362	18516	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4207-0920-01	T2363	18517	G487002-RI31	Sed	5/07/03	TOC

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TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
LPX-SD-4207-0009-01	T2364	18518	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4207-0005-01	T2365	18519	G487002-RI31	Sed	5/06/03	TOC
LPX-SD-4202-0005-01	T2370	18520	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4202-3637-01	T2372	18521	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4202-4042	T2375	18522	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4206-0005-01	T2377	18523	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4206-0510-01	T2378	18524	G487002-RI31	Sed	5/06/03	TOC
CMS-SD-4206-1015-01	T2379	18525	G487002-RI31	Sed	5/06/03	TOC
LPX-SD-4201-3942-01	T2382	18526	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4201-0010-01	T2383	18527	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4203-0012-01	T2385	18528	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4203-1225-01	T2386	18529	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4203-3135-01	T2387	18530	G487002-RI31	Sed	5/08/03	TOC
LPX-SD-4201-1031-01	T2389	18531	G487002-RI31	Sed	5/08/03	TOC
CMS-SD-4208-0007-01	T2391	18532	G487002-RI31	Sed	5/07/03	TOC
CMS-SD-4208-0007-01DUP (Laboratory Duplicate)	T2391DUP	18532DUP	G487002-RI31	Sed	5/07/03	TOC
LPX-SD-4209-1226-01	T2392	18533	G487002-RI31	Sed	5/09/03	TOC
LPX-SD-4209-1226-01DUP (Laboratory Duplicate)	T2392DP	18533DUP	G487002-RI31	Sed	5/09/03	TOC
CMS-SD-4206-0000-0010	T2427	L21372-1	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0030-0035	T2429	L21372-2	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0050-0055	T2430	L21372-3	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4206-0070-0075	T2431	L21372-4	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0090-0095	T2432	L21372-5	L21372	Sed	5/06/03	Pb-210, Cs-37, % Moisture
CMS-SD-4206-0100-0105	T2433	L21372-6	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0115-0120	T2434	L21372-7	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0135-0140	T2435	L21372-40	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0220-0225	T2436	L21372-9	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4206-0220-0225DUP (Laboratory Duplicate)	T2436DUP	WG1222-5 WG1188-3	L21372	Sed	5/06/03	Pb-210 Cs-137
CMS-SD-4204-0000-0005	T2437	L21372-10	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0010-0015	T2438	L21372-11	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0020-0025	T2439	L21372-12	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0030-0035	T2440	L21372-13	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture

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TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4204-0040-0045	T2441	L21372-14	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0050-0055	T2442	L21372-15	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0070-0075	T2443	L21372-16	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0090-0095	T2444	L21372-17	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4204-0100-0105	T2445	L21372-18	L21372	Sed	5/06/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0150-0155	T2447	L21372-19	L21372	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0180-0185	T2448	L21372-20	L21372	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0010-0015	T2449	L21374-1	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0025-0030	T2450	L21374-2	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0070-0075	T2451	L21374-3	L21374	Sed	5/07/03	Pb210, Cs-137, % Moisture
CMS-SD-4212-0040-0045	T2452	L21374-4	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4212-0040-0045MS (Matrix Spike)	T2452MS	WG1222-6	L21374	Sed	5/07/03	Pb-210
CMS-SD-4212-0055-0060	T2453	L21374-5	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0100-0105	T2455	L21374-6	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0240-0245	T2458	L21374-7	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0210-0215	T2467	L21374-8	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0170-0175	T2468	L21374-9	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0270-0275	T2469	L21374-10	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0060-0065	T2470	L21374-11	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0060-0065MS (Matrix Spike)	T2470MS	WG1247-4	L21374	Sed	5/07/03	Pb-210
CMS-SD-4209-0060-0065DUP (Laboratory Duplicate)	T2470DUP	WG1247-3 WG1217-3	L21374	Sed	5/07/03	Pb-210 Cs-137
CMS-SD-4209-0250-0255	T2471	L21374-12	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0010-0015	T2473	L21374-13	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture

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TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4209-0140-0145	T2474	L21374-14	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0025-0030	T2475	L21374-15	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4209-0090-0095	T2476	L21374-16	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0140-0145	T2477	L21374-17	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0030-0035	T2478	L21374-18	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0190-0195	T2479	L21374-19	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0170-0175	T2480	L21374-20	L21374	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0050-0055	T2481	L21376-1	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0100-0105	T2482	L21376-2	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0085-0090	T2483	L21376-3	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4218-0010-0015	T2485	L21376-4	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4218-0210-0215	T2486	L21376-5	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4219-0170-0175	T2488	L21376-6	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4219-0210-0215	T2489	L21376-7	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4219-0210-0215MS (Matrix Spike)	T2489MS	WG1248-4	L21376	Sed	5/07/03	Pb-210
CMS-SD-4219-0210-0215DUP (Laboratory Duplicate)	T2489DUP	WG1248-3	L21376	Sed	5/07/03	Pb-210
CMS-SD-4219-0030-0035	T2491	L21376-8	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4219-0140-0145	T2492	L21376-9	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4219-0100-0105	T2493	L21376-10	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4219-0070-0075	T2494	L21376-11	L21376	Sed	5/07/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0180-0185	T2496	L21376-12	L21376	Sed	5/09/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0010-0015	T2497	L21376-13	L21376	Sed	5/09/03	Pb-210, Cs-137, % Moisture
LPX-SD-4201-0030-0035	T2498	L21376-14	L21376	Sed	5/08/03	Pb-210, Cs-137, % Moisture

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TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
LPX-SD-4201-0395-0400	T2499	L21376-15	L21376	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0335-0340	T2500	L21376-16	L21376	Sed	5/09/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0335-0340DUP (Laboratory Duplicate)	T2500DUP	WG1234-3	L21376	Sed	5/09/03	Cs-137
LPX-SD-4201-0060-0065	T2501	L21376-17	L21376	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0240-0245	T2502	L21376-18	L21376	Sed	5/09/03	Pb-210, Cs-137, % Moisture
LPX-SD-4201-0280-0285	T2503	L21376-19	L21376	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0140-0145	T2504	L21376-20	L21376	Sed	5/09/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0110-0115	T2505	L21378-1	L21378	Sed	5/09/03	Pb-210, Cs-137, % Moisture
LPX-SD-4209-0110-0115MS (Matrix Spike)	T2505MS	WG1253-4	L21378	Sed	5/09/03	Pb-210
LPX-SD-4209-0110-0115DUP (Laboratory Duplicate)	T2505DUP	WG1253-3	L21378	Sed	5/09/03	Pb-210
LPX-SD-4201-0010-0015	T2506	L21378-2	L21378	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4201-0240-0245	T2507	L21378-3	L21378	Sed	5/08/03	Pb-210, Cs-137, % Moisture

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
LPX-SD-4201-0200-0205	T2508	L21378-4	L21378	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4201-0160-0165	T2509	L21378-5	L21378	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0145-0150	T2510	L21378-6	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0100-0105	T2511	L21378-7	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0030-0035	T2512	L21378-8	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0010-0015	T2513	L21378-9	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0025-0030	T2514	L21378-10	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0090-0095	T2515	L21378-11	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0070-0075	T2516	L21378-12	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0220-0225	T2517	L21378-13	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0120-0125	T2519	L21378-14	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture

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TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4212-0030-0035	T2520	L21378-15	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0050-0055	T2521	L21378-16	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0190-0195	T2522	L21378-17	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4212-0010-0015	T2523	L21378-18	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0200-0205	T2534	L21378-19	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0160-0165	T2535	L21378-20	L21378	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0110-0115	T2536	L21379-1	L21379	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0130-0135	T2537	L21379-2	L21379	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0050-0055	T2538	L21379-3	L21379	Sed	5/07/03	Pb210, Cs-137, % Moisture
CMS-SD-4213-0070-0075	T2539	L21379-4	L21379	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0100-0105	T2540	L21379-5	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture

TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
CMS-SD-4222-0210-0215	T2541	L21379-6	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0060-0065	T2542	L21379-7	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0020-0025	T2543	L21379-8	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4213-0230-0235	T2545	L21379-9	L21379	Sed	5/07/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0120-0125	T2546	L21379-10	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0080-0085	T2547	L21379-11	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0040-0045	T2548	L21379-12	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0250-0255	T2549	L21379-13	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0165-0175	T2550	L21379-14	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
CMS-SD-4222-0010-0015	T2551	L21379-15	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4204-0230-0235	T2552	L21379-16	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture

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TABLE 1 (Cont.)

Client Sample Number	Battelle Sample Number	Laboratory Sample Number	Sample Delivery Group	Matrix	Date of Collection	Parameter(s) Examined
LPX-SD-4204-0230-0235MS (Matrix Spike)	T2552MS	WG1369-4	L21379	Sed	5/08/03	Pb-210
LPX-SD-4204-0230-0235DUP (Laboratory Duplicate)	T2552DUP	WG1369-3 WG1235-3	L21379	Sed	5/08/03	Pb-210 Cs-137
LPX-SD-4204-0190-0195	T2553	L21379-17	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4204-0210-0215	T2554	L21379-18	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4201-0115-0120	T2555	L21379-19	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture
LPX-SD-4201-0090-0095	T2556	L21379-20	L21379	Sed	5/08/03	Pb-210, Cs-137, % Moisture

NOTES:

Pb-210	-	Lead-210 by Teledyne Brown Engineering Method TBE-032-30. (110 analyses)
Cs-137	-	Cesium-137 by Teledyne Brown Engineering Method TBE-2008. (104 analyses)
TOC	-	Total Organic Carbon by US EPA Method 9060. (100 analyses)
% Moisture	-	Percent Moisture by Teledyne Brown Engineering Method PRO-Q-008. (100 analyses)
Sed	-	Sediment.

Section 1 Quality Assurance Review

A. Inorganic Data

The inorganic analyses of 100 sediment samples (including QC samples) were performed by Applied Marine Sciences, Inc. of League City, Texas. The samples were analyzed for total organic carbon (TOC) by US EPA Method 9060. These analyses are specified on Table 1. The laboratory organized the samples into Sample Delivery Group (SDG) G487002-RI31.

The findings in this report are based upon a rigorous review of sample holding times, condition of samples upon laboratory receipt, blank analysis results, standard reference material analyses, and laboratory duplicate precision.

Overall, the inorganic data quality appears to be good. Contractual and reporting requirements were met for this data set. Based upon a Tier II review of the data provided, inorganic data qualification is not warranted. 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 absence of data usability issues should not necessarily be construed as an indication of laboratory performance.

Noncorrectable Deficiency

- According to the Battelle Sample Receipt Form Details for SDG G487002-RI31, samples CMS-SD-4217-2034-01, LPX-SD-4208-1125-01, CMS-SD-4223-0004-01, LPX-SD-4208-0011-01, CMS-SD-4223-1011-01, LPX-SD-4207-0920-01, and LPX-SD-4207-0009-01 were received at Battelle at 8.8°C and sample CMS-SD-4207-0005-01 was received at 6.9°C. According to EPA-NE QAPP Worksheet #9a – Rev. 04/03 (Table 2), TOC sediment samples should be preserved during shipment at a temperature less than 6°C. It is the data reviewer's opinion that qualification of the TOC data due to the slightly increased shipment temperature is not warranted.

Based upon a rigorous review of the data package provided, inorganic data qualification is not warranted. A review of the holding times determined that all analyses are within QC compliance. The condition of samples upon laboratory receipt was acceptable or did not impact data usability. Blank analysis results revealed no contamination problems. Accuracy for TOC was demonstrated by acceptable standard reference material results. Precision was demonstrated by acceptable sample duplicate results. The absence of data usability issues should not be construed as an indication of laboratory performance.

Complete support documentation for this inorganic 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 method and examined in this data review.

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B. Radiological Data

The radiological analyses of 111 sediment samples (including QC samples) were performed by Teledyne Brown Engineering of Knoxville, Tennessee. The samples were collectively analyzed for lead-210 by Teledyne Brown Engineering Method TBE-032-30, cesium-137 by Teledyne Brown Engineering Method TBE-2008, and percent moisture by Teledyne Brown Engineering Method PRO-Q-008. These analyses are specified on Table 1. The laboratory organized the samples into SDGs L21372, L21374, L21376, L21378, and L21379.

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, background data, daily source checks, chemical yield, laboratory control sample results, matrix spike results, and laboratory duplicate precision.

Overall, the radiological data quality appears to be good. The data reviewer has edited the laboratory-reported data and QC forms based on the deficiencies and comment in this QC review. Contractual and reporting requirements were met for this data set. Based upon a Tier II review of the data provided, the radiological data qualifiers associated with the samples that underwent data validation are presented in the Radiological Data Qualifiers section; these qualifiers should not be applied to any radiological results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance.

Correctable Deficiencies

1. The laboratory Case Narrative for SDG L21379 incorrectly states that the lead-210 analysis of sample LPX-SD-4201-0090-0095 failed to meet the required Minimum Detectable Concentration (MDC) of 0.1 pCi/g. According to the Reports of Analysis, the lead-210 analysis of sample LPX-SD-4201-0115-0120 did not meet the MDC of 0.1 pCi/g; this sample should have been cited in the Case Narrative.

2. The laboratory Case Narratives for SDGs L21372 and L21374 incorrectly state that several samples were received outside of the required temperature range. According to the Sample Receipt Verification Reports, all samples in SDGs L21372 and L21374 were received at acceptable temperatures.

3. The laboratory did not flag with an "*" the relative percent difference (RPD) fields of the laboratory duplicate pairs analyzed for cesium-137 in SDGs L21372, L21374, L21378, and L21379 and the laboratory duplicate pairs analyzed for lead-210 in SDGs L21378 and L21379 to indicate that the RPDs were not evaluated because the activity of at least one of the laboratory duplicate samples was <5 times the MDC.

Noncorrectable Deficiencies

1. SDG L21379 samples CMS-SD-4222-0210-0215, LPX-SD-4204-0210-0215, and LPX-SD-4201-0115-0120 analyzed for Pb-210 did not achieve MDC of 0.1 pCi/g specified in EPA-NE QAPP Worksheet #9b-Rev. 04/03.

2. According to the laboratory Sample Receipt Verification Reports, several samples in SDG L21376 and all samples in SDGs L21378 and L21379 were received at 7°C. According to EPA-NE QAPP Worksheet #9a-Rev. 04/03 (Table 2), the radiological samples should be preserved during shipment at a temperature less than 6°C. It is the data reviewer's opinion that qualification of the radiological data due to the slightly increased shipment temperature is not warranted.

Comment

- The laboratory used an RPD acceptability limit of <30% for the laboratory duplicate pairs analyzed for cesium-137 and lead-210 when the activities of both the laboratory duplicate samples were >5 times the MDC. Although the project-required acceptability limit was RPD≤50% for the laboratory duplicate pairs analyzed for cesium-137 and lead-210 when the activities of both the laboratory duplicate samples were >5 times the MDC (EPA-NE QAPP Worksheet #11b-Rev. 04/03), there was no impact on the data review and evaluation because the laboratory limit was more stringent that the project limit and all laboratory duplicate sample RPDs were <30%.

With respect to data usability, the principal areas of concern are blank contamination and low chemical yield. Based on a Tier II review of the data provided, the following radiological 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.

Radiological Data Qualifiers

Due to the presence of Pb-210 in the associated laboratory blanks, the positive results for Pb-210 in samples CMS-SD-4209-0270-0275 and CMS-SD-4209-0250-0255 in SDG L21374, in sample CMS-SD-4219-0170-0175 in SDG L21376, and in sample CMS-SD-4212-0010-0015 in SDG L21378 should be considered "not-detected" and have been flagged "U" on the data tables. The net counts of the blanks and the associated samples were taken into consideration when evaluating blank contamination.

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- The reported positive results for lead-210 in samples CMS-SD-4213-0050-0055, CMS-SD-4213-0070-0075 and CMS-SD-4222-0100-0105 in SDG L21379 should be considered estimated and have been flagged "J" on the data tables. In addition, the MDC for lead-210 in sample CMS-SD-4222-0210-0215 in SDG L21379 may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. Low chemical yields (<30%) were observed in the lead-210 analyses of these samples.

Complete support documentation for this radiological 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.

US EPA ARCHIVE DOCUMENT

C. Conclusions

Overall, the data quality is good. Based on this QA review, a few radiological results were qualified due to blank contamination and low chemical yields. The inorganic data did not warrant qualification. Overall the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives, Chain-of-Custody Records, and Project Correspondence are presented in Sections 5, 6, and 7, respectively.

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