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US ARMY CORPS
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New England District

Contract No. DACW33-01-D-0004
Delivery Order No. 01
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# *Task 22B Post-Third Party Validated Sediment Chemistry Data Report*

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

SDMS DocID 35197

# Section 1
# Dioxin/Furan, HCX and TCX Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

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

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

**QA/QC MEASUREMENT PERFORMANCE CRITERIA:**

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

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

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

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

**METHOD (cont):**

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

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

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

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

2. The GC/HRMS instrumentation was calibrated for PCDD/PCDF at levels specified in Method 1613 with one additional calibration standard at concentrations equivalent to ½ the level of Method 1613's lowest calibration point. The calibration range corresponds to the following levels in the samples assuming an average sample dry weight of 5 g of sediment and a final sample volume of 20 µL: 1.00 to 800 pg/g dry for tetra compounds, 5.00 to 4,000 pg/g dry for penta through hepta compounds, and 10.0 to 8,000 pg/g dry for octa compounds. For samples whose extracts were split in half, the calibration range is 2.00 to 1,600 pg/g dry for tetra compounds, 10.0 to 8,000 pg/g dry for penta through hepta compounds, and 20.0 to 16,000 pg/g dry for octa compounds.

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

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

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

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

**HOLDING TIMES:**

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

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

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

**DETECTION LIMITS:**

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

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

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

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

**BLANKS:**

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

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

**LABORATORY CONTROL SAMPLE:**

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

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

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

**MATRIX SPIKES:**

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

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

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

**INTERNAL STANDARDS:**

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

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

**REPLICATES:**

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

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

**SRM:**

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

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

**REFERENCES:**

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

## QUALITY ASSURANCE STATEMENT

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

**Project Number:** **G487002-22A2**

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

**Description of audit and review activities:**

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

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

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

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

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

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

Zachary Willenberg

Zachary Willenberg
Quality Assurance Specialist
Atmospheric Science and Applied Technology
Battelle

10-29-01
Date

# Sediment and QC Results

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

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| | 48514-40-08 | | 1.000 | | Lab Extraction ID = 48985-01-17 | 5.0027 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-13 | 1.3194 | G_DRY | | | | T |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# Section 2
# PCB Congener Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

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

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

**QA/QC MEASUREMENT PERFORMANCE CRITERIA:**

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

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

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

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

**METHOD (cont):**

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

**PCB Analysis**: Each extract was analyzed by gas chromatography/high resolution mass spectrometry (GC/HRMS) in the selected ion-monitoring mode at a resolution of 10,000 or greater. An SPB-Octyl column was used for determination of individual PCB congeners.

The following revisions to Method 1668A as well as several items to note specifically related to these analyses are summarized below:

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

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

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

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

**HOLDING TIMES:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**REFERENCES:**

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

# QUALITY ASSURANCE STATEMENT

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

**Project Number:** **G487002-22B2**

**Description of Data:** **Sediment samples for PCB analysis**

**Description of audit and review activities:**

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

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

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

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

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

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

Zachary Willenberg
Quality Assurance Specialist
Atmospheric Science and Applied Technology
Battelle

11-8-01
Date

# Sediment and QC Results

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

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-19 | 2.2842 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |
| | 48401-44-03 | | 1.000 | | Lab Extraction ID = 48985-01-18 | 5.0353 | G_DRY | | | | T |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| RWR-SD-5003-0000-01 | 48401-77-04 | | 1.000 | 30.20 | Lab Extraction ID = 48985-01-16 | 3.5095 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |
| | 48514-16-16 | | 2.000 | 0.00 | 48903-02-12 | 0.5033 | G_DRY | | | | T |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | LABORATORY | QC_TYPE | SAMP_DATE | EXTR_DATE | ANAL_DATE | CASE | SDG | PARAMETER | CAS_NO | CLASS | METHOD | LAB_RESULT | UNITS | LAB_QUAL | IDL | MDL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-201 | 52663-75-9 | PCB | MOD 1668A | 1070.47 | pg/g - Dry Wt | | | 333.57 |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-203 | 52663-76-0 | PCB | MOD 1668A | 4956.09 | pg/g - Dry Wt | | | 333.57 |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-205 | 74472-53-0 | PCB | MOD 1668A | 220.51 | pg/g - Dry Wt | J | | 333.57 |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-206 | 40186-72-9 | PCB | MOD 1668A | 22969.42 | pg/g - Dry Wt | | | 333.57 |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-207 | 52663-79-3 | PCB | MOD 1668A | 1700.65 | pg/g - Dry Wt | | | 333.57 |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-209 | 2051-24-3 | PCB | MOD 1668A | 28498.60 | pg/g - Dry Wt | | | 166.78 |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | TOTAL PCB | 1336-36-3 | PCB | MOD 1668A | 1415881.85 | pg/g - Dry Wt | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-1 | 2051-60-7 | PCB | MOD 1668A | 45 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-3 | 2051-62-9 | PCB | MOD 1668A | 50 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-4 | 13029-08-8 | PCB | MOD 1668A | 74 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-19 | 38444-73-4 | PCB | MOD 1668A | 78 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-15 | 2050-68-2 | PCB | MOD 1668A | 93 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-54 | 15968-05-5 | PCB | MOD 1668A | 71 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-104 | 56558-16-8 | PCB | MOD 1668A | 106 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-37 | 38444-90-5 | PCB | MOD 1668A | 81 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-155 | 33979-03-02 | PCB | MOD 1668A | 26 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-81 | 70362-50-4 | PCB | MOD 1668A | 71 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-77 | 32598-13-3 | PCB | MOD 1668A | 78 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-123 | 65510-44-3 | PCB | MOD 1668A | 72 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-118 | 31508-00-6 | PCB | MOD 1668A | 74 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-188 | 74487-85-7 | PCB | MOD 1668A | 43 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-114 | 74472-37-0 | PCB | MOD 1668A | 70 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-105 | 32598-14-4 | PCB | MOD 1668A | 97 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-126 | 57465-28-8 | PCB | MOD 1668A | 96 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-202 | 2136-99-4 | PCB | MOD 1668A | 49 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-167 | 52663-72-6 | PCB | MOD 1668A | 46 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-156 | 38380-08-4 | PCB | MOD 1668A | 67 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-157 | 69782-90-7 | PCB | MOD 1668A | 67 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-169 | 32774-16-6 | PCB | MOD 1668A | 68 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-208 | 52663-77-1 | PCB | MOD 1668A | 28 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-189 | 39635-31-9 | PCB | MOD 1668A | 53 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-205 | 74472-53-0 | PCB | MOD 1668A | 37 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-206 | 40186-72-9 | PCB | MOD 1668A | 29 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-209 | 2051-24-3 | PCB | MOD 1668A | 11 | %RECOVERY | & | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-28 | 7012-37-5 | PCB | MOD 1668A | 60 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-111 | 39635-32-0 | PCB | MOD 1668A | 35 | %RECOVERY | | | |
| LPX-SD-4001-0000-01 | 48401-77-10 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | 13C-PCB-178 | 52663-67-9 | PCB | MOD 1668A | 54 | %RECOVERY | | | |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-1 | 2051-60-7 | PCB | MOD 1668A | 1068.33 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-3 | 2051-62-9 | PCB | MOD 1668A | 2092.72 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-4 | 13029-08-8 | PCB | MOD 1668A | 1137.31 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-5 | 16605-91-7 | PCB | MOD 1668A | 19.09 | pg/g - Dry Wt | U | | 19.09 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-6 | 25569-80-6 | PCB | MOD 1668A | 1457.26 | pg/g - Dry Wt | | | 19.09 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-7 | 33284-50-3 | PCB | MOD 1668A | 240.90 | pg/g - Dry Wt | | | 19.09 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-8 | 34883-43-7 | PCB | MOD 1668A | 7311.68 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-9 | 34883-39-1 | PCB | MOD 1668A | 372.49 | pg/g - Dry Wt | | | 19.09 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-10 | 33146-45-1 | PCB | MOD 1668A | 76.50 | pg/g - Dry Wt | | | 19.09 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-12 | 2974-92-7 | PCB | MOD 1668A | 1145.12 | pg/g - Dry Wt | C | | 38.17 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-13 | 2974-90-5 | PCB | MOD 1668A | | pg/g - Dry Wt | C12 | | 38.17 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-16 | 38444-78-9 | PCB | MOD 1668A | 2700.18 | pg/g - Dry Wt | | | 38.17 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-17 | 37680-66-3 | PCB | MOD 1668A | 2658.99 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-18 | 37680-65-2 | PCB | MOD 1668A | 2595.08 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-30 | 35693-92-6 | PCB | MOD 1668A | | pg/g - Dry Wt | C18 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-19 | 38444-73-4 | PCB | MOD 1668A | 570.21 | pg/g - Dry Wt | | | 38.17 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-20 | 38444-84-7 | PCB | MOD 1668A | 13964.24 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-21 | 55702-46-0 | PCB | MOD 1668A | | pg/g - Dry Wt | C20 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-28 | 7012-37-5 | PCB | MOD 1668A | | pg/g - Dry Wt | C20 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-33 | 38444-86-9 | PCB | MOD 1668A | | pg/g - Dry Wt | C20 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-22 | 38444-85-8 | PCB | MOD 1668A | 4404.17 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-24 | 55702-45-9 | PCB | MOD 1668A | 1709.38 | pg/g - Dry Wt | C | | 76.35 |

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 1070.47 | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 4956.09 | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 220.51 | J | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 22969.42 | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 1700.65 | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 28498.60 | J | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | 1415881.85 | J | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4001-0000-01 | 48401-77-10 | | 1.000 | 70.02 | Lab Extraction ID = 48985-01-09 | 1.5053 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1068.33 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 2092.72 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1137.31 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | R | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1457.26 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 240.90 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 7311.68 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 372.49 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 76.50 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1145.12 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 2700.18 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 2658.99 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 2595.08 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 570.21 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 13964.24 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 4404.17 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1709.38 | J | | T |

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 670.53 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1275.64 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 6852.69 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1818.62 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 20136.63 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 5245.93 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 24681.15 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 18112.80 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 2197.06 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1071.79 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1978.19 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 9419.80 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 2873.14 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 9649.62 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1224.51 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 414.77 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 285.97 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 6862.94 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 24809.43 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 27016.60 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1964.17 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | R | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 8527.37 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 17520.30 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 20416.31 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 7247.70 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 40316.94 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | R | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 39072.60 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 7988.48 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 7868.97 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 47299.60 | J | | T |

| SAMPLE_NO | LAB_ID | LABORATORY | QC_TYPE | SAMP_DATE | EXTR_DATE | ANAL_DATE | CASE | SDG | PARAMETER | CAS_NO | CLASS | METHOD | LAB_RESULT | UNITS | LAB_QUAL | IDL | MDL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-95 | 38379-99-6 | PCB | MOD 1668A | | pg/g - Dry Wt | C93 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-98 | 60233-25-2 | PCB | MOD 1668A | | pg/g - Dry Wt | C93 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-100 | 39485-83-1 | PCB | MOD 1668A | | pg/g - Dry Wt | C93 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-102 | 68194-06-9 | PCB | MOD 1668A | | pg/g - Dry Wt | C93 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-105 | 32598-14-4 | PCB | MOD 1668A | 10593.17 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-108 | 70362-41-3 | PCB | MOD 1668A | 1294.16 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-124 | 70424-70-3 | PCB | MOD 1668A | | pg/g - Dry Wt | C108 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-110 | 38380-03-9 | PCB | MOD 1668A | 76047.44 | pg/g - Dry Wt | C | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-115 | 74472-38-1 | PCB | MOD 1668A | | pg/g - Dry Wt | C110 | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-114 | 74472-37-0 | PCB | MOD 1668A | 190.87 | pg/g - Dry Wt | U | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-118 | 31508-00-6 | PCB | MOD 1668A | 42483.10 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-106 | 70424-69-0 | PCB | MOD 1668A | 3342.24 | pg/g - Dry Wt | C | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-107 | 70424-68-9 | PCB | MOD 1668A | | pg/g - Dry Wt | C106 | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-123 | 65510-44-3 | PCB | MOD 1668A | | pg/g - Dry Wt | C106 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-126 | 57465-28-8 | PCB | MOD 1668A | 573.22 | pg/g - Dry Wt | | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-128 | 38380-07-3 | PCB | MOD 1668A | 10389.92 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-166 | 41411-63-6 | PCB | MOD 1668A | | pg/g - Dry Wt | C128 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-129 | 55215-18-4 | PCB | MOD 1668A | 43097.32 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-138 | 35065-28-2 | PCB | MOD 1668A | | pg/g - Dry Wt | C129 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-160 | 41411-62-5 | PCB | MOD 1668A | | pg/g - Dry Wt | C129 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-163 | 74472-44-9 | PCB | MOD 1668A | | pg/g - Dry Wt | C129 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-130 | 52663-66-8 | PCB | MOD 1668A | 3186.16 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-131 | 61798-70-7 | PCB | MOD 1668A | 671.15 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-132 | 38380-05-1 | PCB | MOD 1668A | 23573.28 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-134 | 52704-70-8 | PCB | MOD 1668A | 3621.50 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-143 | 68194-15-0 | PCB | MOD 1668A | | pg/g - Dry Wt | C134 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-135 | 52744-13-5 | PCB | MOD 1668A | 11183.01 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-151 | 52663-63-5 | PCB | MOD 1668A | | pg/g - Dry Wt | C135 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-154 | 60145-22-4 | PCB | MOD 1668A | | pg/g - Dry Wt | C135 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-136 | 38411-22-2 | PCB | MOD 1668A | 8822.95 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-137 | 35694-06-5 | PCB | MOD 1668A | 4897.00 | pg/g - Dry Wt | C | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-164 | 74472-45-0 | PCB | MOD 1668A | | pg/g - Dry Wt | C137 | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-141 | 52712-04-6 | PCB | MOD 1668A | 3965.10 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-144 | 68194-14-9 | PCB | MOD 1668A | 190.87 | pg/g - Dry Wt | U | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-146 | 51908-16-8 | PCB | MOD 1668A | 1764.98 | pg/g - Dry Wt | C | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-161 | 74474-43-8 | PCB | MOD 1668A | | pg/g - Dry Wt | C146 | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-147 | 68194-13-8 | PCB | MOD 1668A | 29267.36 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-149 | 38380-04-0 | PCB | MOD 1668A | | pg/g - Dry Wt | C147 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-153 | 35065-27-1 | PCB | MOD 1668A | 10747.72 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-168 | 59291-65-5 | PCB | MOD 1668A | | pg/g - Dry Wt | C153 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-156 | 38380-08-4 | PCB | MOD 1668A | 4042.12 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-157 | 69782-90-7 | PCB | MOD 1668A | | pg/g - Dry Wt | C156 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-158 | 74472-42-7 | PCB | MOD 1668A | 3060.42 | pg/g - Dry Wt | | | 76.35 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-167 | 52663-72-6 | PCB | MOD 1668A | 1738.31 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-169 | 32774-16-6 | PCB | MOD 1668A | 190.87 | pg/g - Dry Wt | U | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-170 | 35065-30-6 | PCB | MOD 1668A | 10836.67 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-171 | 52663-71-5 | PCB | MOD 1668A | 3288.62 | pg/g - Dry Wt | C | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-173 | 68194-16-1 | PCB | MOD 1668A | | pg/g - Dry Wt | C171 | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-172 | 52663-74-8 | PCB | MOD 1668A | 813.03 | pg/g - Dry Wt | | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-174 | 38411-25-5 | PCB | MOD 1668A | 14489.02 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-175 | 40186-70-7 | PCB | MOD 1668A | 381.74 | pg/g - Dry Wt | U | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-176 | 52663-65-7 | PCB | MOD 1668A | 1285.00 | pg/g - Dry Wt | | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-177 | 52663-70-4 | PCB | MOD 1668A | 5356.96 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-178 | 52663-67-9 | PCB | MOD 1668A | 1119.83 | pg/g - Dry Wt | | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-180 | 35065-29-3 | PCB | MOD 1668A | 6714.76 | pg/g - Dry Wt | C | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-193 | 69782-91-8 | PCB | MOD 1668A | | pg/g - Dry Wt | C180 | | 190.87 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-182 | 60145-23-5 | PCB | MOD 1668A | 381.74 | pg/g - Dry Wt | U | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-183 | 52663-69-1 | PCB | MOD 1668A | 2200.26 | pg/g - Dry Wt | | | 381.74 |
| LPX-SD-4004-0000-01 | 48401-77-12 | BCO | NORMAL | 07/14/01 | 07/23/01 | 07/31/01 | | 48985-01 | PCB-184 | 74472-48-3 | PCB | MOD 1668A | 381.74 | pg/g - Dry Wt | U | | 381.74 |

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

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 364.71 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 4836.56 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 199.56 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1219.34 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 165.83 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1968.78 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1278.61 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1681.03 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 60.91 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 7422.50 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 721.61 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 449.89 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 1928.61 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 105.97 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 10153.11 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 605.63 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 11854.90 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | 812949.43 | J | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-4004-0000-01 | 48401-77-12 | | 1.000 | 73.80 | Lab Extraction ID = 48985-01-11 | 1.3174 | G_DRY | | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 100.76 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 162.39 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 260.47 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 13.60 | U | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 229.32 | J | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 68.41 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 881.18 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 79.79 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 14.05 | | | T |
| LPX-SD-071601-A | 48401-83-15 | | 1.000 | 63.22 | Lab Extraction ID = 48985-09-20 | 1.8399 | G_DRY | 209.96 | J | | T |

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

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

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

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

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

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

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

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

# Section 3
# PCB Aroclor and Chlorinated Pesticide Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

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

**PROJECT:** USACE NAE Delivery Order #01 Centredale

**PARAMETER:** PCB Aroclor and Chlorinated Pesticides

**LABORATORY:** Battelle, Duxbury, MA

**MATRIX:** Sediments (from invertebrate and crayfish locations)

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

**QA/QC MEASUREMENT PERFORMANCE CRITERIA:**

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

[a] Or analyte concentrations in associated samples >10× blank values.
[b] For 90% of analytes; Analyte concentration in MS/MSD must be >5× background to be used for data quality assessment
[c] From a range of certified values; using surrogate corrected data; certified values in SRM must be >3× the detection limit to be used for data quality assessment
[d] Sample duplicate – detected values must be >3× the detection limit to be used for data quality assessment
* Project detection limit goals vary by analyte – see Worksheet #9b in the project QAPP (Battelle, 2001) for detection limit goals by analyte.

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

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

**METHOD (cont):**

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

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

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

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

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

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

**HOLDING TIMES:**

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

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

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

**DETECTION LIMITS:**

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

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

Where,

Concentration in Low Std. = approximately 0.008 µg/mL for pesticides and PCB congeners; 1 µg/mL Technical Chlordane; 0.1 µg/mLfor Aroclor; and 0.2 µg/mL for Technical Chlordane**

Final Extract Volume = 1,100 µL

Dilution Factor = 1.667

Sample Size = approximately 20-g wet (4 to 16-g dry)

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

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

**BLANKS:**

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

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

**LABORATORY CONTROL SAMPLE**

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

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

Recoveries ranged from:

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

**LABORATORY CONTROL SAMPLE (cont):**

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

**MATRIX SPIKES:**

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

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

Recoveries ranged from:

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

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

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

**SURROGATES:**

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

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

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

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

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

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

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

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

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

**REFERENCES:**

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

# Sediment and QC Results

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DF | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | 1.667 | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ43PB | | | NA | | 9.00 | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |
| NA | ZJ44LCS#1 | | 1.667 | NA | | NA | G_DRY | | | | T |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# Section 4
# PAH Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

# PAH SEDIMENT QA/QC SUMMARY
# QC Batch 01-364

**PROJECT:** USACE NAE Delivery Order #01 Centredale

**PARAMETER:** PAHs

**LABORATORY:** Battelle, Duxbury, MA

**MATRIX:** Sediments

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

**QA/QC MEASUREMENT PERFORMANCE CRITERIA:**

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

[a] Or analyte concentrations in associated samples >10× blank values.
[b] For 90% of analytes; Analyte concentration in MS/MSD must be >5× background to be used for data quality assessment
[c] From a range of certified values; using surrogate corrected data; certified values in SRM must be >3× the detection limit to be used for data quality assessment
[d] Analyte concentration in Replicates must be >3× QL to be used for data quality assessment
* Project detection limit goals vary by analyte – see Worksheet #9a in the project QAPP (Battelle, 2001) for detection limit goals by analyte.

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

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

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

**METHOD (cont):**

Benzaldehyde analysis ranging, from approximately 0.010 to 10.0 µg/mL.

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

**HOLDING TIMES:**

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

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

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

**DETECTION LIMITS:**

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

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

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

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

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

**BLANKS:**

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

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

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

# PAH SEDIMENT QA/QC SUMMARY
## QC Batch 01-364

**LABORATORY CONTROL SAMPLE**

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

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

Recoveries ranged from:

| | PAHs | Benzaldehyde |
|---|---|---|
| ZD10LCS#1 | 59 – 74% | 80% |

**MATRIX SPIKES:**

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

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

Recoveries and RPDs ranged from:

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

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

**SURROGATES:**

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

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

**REPLICATES:**

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

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

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

# PAH SEDIMENT QA/QC SUMMARY
## QC Batch 01-364

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

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

**REFERENCES:**

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

# Sediment and QC Results

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

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4011-0000-01 | W4954 | | 1.667 | 74.60 | | 7.79 | G_DRY | 132.16 | J | | T |
| LPX-SD-4011-0000-01 | W4954 | | 16.670 | 74.60 | | 7.79 | G_DRY | 2131.56 | J | | T |
| LPX-SD-4011-0000-01 | W4954 | | 16.670 | 74.60 | | 7.79 | G_DRY | 4702.76 | J | | T |
| LPX-SD-4011-0000-01 | W4954 | | 1.667 | 74.60 | | 7.79 | G_DRY | 33842.47 | J | | T |
| LPX-SD-4011-0000-01 | W4954 | | | 74.60 | | 7.79 | G_DRY | 54 | | | T |
| LPX-SD-4011-0000-01 | W4954 | | | 74.60 | | 7.79 | G_DRY | 64 | | | T |
| LPX-SD-4011-0000-01 | W4954 | | | 74.60 | | 7.79 | G_DRY | 56 | | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 30.42 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 74.78 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 151.13 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 192.79 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 433.35 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 258.29 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 2199.25 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 2517.31 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 3085.53 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 2076.71 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 2834.67 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 3408.89 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 143.89 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 5827.21 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 277.00 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 2183.35 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 93.82 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 2549.79 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 16.670 | 76.86 | | 6.97 | G_DRY | 4961.58 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | 1.667 | 76.86 | | 6.97 | G_DRY | 33534.18 | J | | T |
| GMP-SD-5007-0000-01 | W4949 | | | 76.86 | | 6.97 | G_DRY | 50 | | | T |
| GMP-SD-5007-0000-01 | W4949 | | | 76.86 | | 6.97 | G_DRY | 70 | | | T |
| GMP-SD-5007-0000-01 | W4949 | | | 76.86 | | 6.97 | G_DRY | 71 | | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 40.28 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 66.88 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 113.84 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 236.79 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 369.98 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 349.35 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 2466.87 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 2633.03 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 4038.38 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 2732.88 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 3631.35 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 4144.06 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 628.43 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 118.50 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 6354.84 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 214.94 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 2906.51 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 98.97 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 2429.87 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 16.670 | 72.30 | | 8.45 | G_DRY | 5228.66 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | 1.667 | 72.30 | | 8.45 | G_DRY | 38455.05 | J | | T |
| APB-SD-4008-0000-01 | W4951 | | | 72.30 | | 8.45 | G_DRY | 52 | | | T |
| APB-SD-4008-0000-01 | W4951 | | | 72.30 | | 8.45 | G_DRY | 62 | | | T |
| APB-SD-4008-0000-01 | W4951 | | | 72.30 | | 8.45 | G_DRY | 64 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 64.82 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 122.44 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 287.52 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 308.14 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 788.07 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 194.53 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 3828.86 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 4315.76 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 5099.55 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 3509.60 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 4802.01 | | | T |

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 5707.10 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 819.43 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 253.58 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 10343.86 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 435.14 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 3775.81 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 181.26 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 5178.94 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 66.680 | 62.43 | | 11.40 | G_DRY | 8433.49 | | | T |
| APB-SD-4009-0000-01 | W4952 | | 1.667 | 62.43 | | 11.40 | G_DRY | 58255.36 | | | T |
| APB-SD-4009-0000-01 | W4952 | | | 62.43 | | 11.40 | G_DRY | 55 | | | T |
| APB-SD-4009-0000-01 | W4952 | | | 62.43 | | 11.40 | G_DRY | 71 | | | T |
| APB-SD-4009-0000-01 | W4952 | | | 62.43 | | 11.40 | G_DRY | 62 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 85.03 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 136.08 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 263.36 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 89.66 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 436.79 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 40.89 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 1499.94 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 1179.66 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 1588.89 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 869.89 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 1456.18 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 2081.32 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 196.26 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 172.83 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 5097.93 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 365.76 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 830.42 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 108.30 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 3311.94 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 66.680 | 24.02 | | 23.10 | G_DRY | 3954.64 | | | T |
| APB-SD-4010-0000-01 | W4953 | | 1.667 | 24.02 | | 23.10 | G_DRY | 23724.86 | | | T |
| APB-SD-4010-0000-01 | W4953 | | | 24.02 | | 23.10 | G_DRY | 61 | | | T |
| APB-SD-4010-0000-01 | W4953 | | | 24.02 | | 23.10 | G_DRY | 71 | | | T |
| APB-SD-4010-0000-01 | W4953 | | | 24.02 | | 23.10 | G_DRY | 57 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 35.45 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 98.48 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 327.21 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 428.56 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 1124.20 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 279.21 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 5427.47 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 6177.11 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 7481.75 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 4851.76 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 7302.25 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 8939.70 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 1069.40 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 273.01 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 16763.00 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 670.84 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 5253.09 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 185.14 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 8378.61 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 66.680 | 62.30 | | 11.57 | G_DRY | 13143.06 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | 1.667 | 62.30 | | 11.57 | G_DRY | 87930.09 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | | 62.30 | | 11.57 | G_DRY | 61 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | | 62.30 | | 11.57 | G_DRY | 68 | | | T |
| LPX-SD-4012-0000-01 | W4955 | | | 62.30 | | 11.57 | G_DRY | 52 | | | T |
| LPX-SD-4013-0000-01 | W4956 | | 1.667 | 77.58 | | 6.80 | G_DRY | 43.59 | J | | T |
| LPX-SD-4013-0000-01 | W4956 | | 1.667 | 77.58 | | 6.80 | G_DRY | 65.58 | J | | T |
| LPX-SD-4013-0000-01 | W4956 | | 1.667 | 77.58 | | 6.80 | G_DRY | 53.86 | J | | T |
| LPX-SD-4013-0000-01 | W4956 | | 1.667 | 77.58 | | 6.80 | G_DRY | 219.55 | J | | T |
| LPX-SD-4013-0000-01 | W4956 | | 1.667 | 77.58 | | 6.80 | G_DRY | 226.96 | J | | T |

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

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

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

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

# Section 5
# Metal, Methyl Mercury and AVS/SEM Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

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

**PROJECT:** USACE NAE Delivery Order #01 Centredale

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

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

**MATRIX:** Sediments (from invertebrate and crayfish locations)

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

**QA/QC MEASUREMENT PERFORMANCE CRITERIA:**

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

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

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

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

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

Two (2) rinsate blanks were analyzed for

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

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

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

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

**METHOD (cont):**

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

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

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

**HOLDING TIMES:**

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

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

**DETECTION LIMITS:**

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

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

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

**BLANKS:**

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

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

**LABORATORY CONTROL SAMPLE**

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

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

**MATRIX SPIKES:**

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

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

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

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

All exceedances were flagged as appropriate.

**REPLICATES:**

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

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

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

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

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

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

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

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

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

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

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

**REFERENCES:**

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

# Sediment and QC Results

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | LABORATORY | QC_TYPE | SAMP_DATE | EXTR_DATE | ANAL_DATE | CASE | SDG | PARAMETER | CAS_NO | CLASS | METHOD | LAB_RESULT | UNITS | LAB_QUAL | IDL | MDL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Mercury | 7439-97-6 | M | L-41 | 0.383 | µg/g - dry wt | | | 0.008 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 7/20/2001 | | 3 | AVS | | M | MSL-C-001 | 1.54 | µg/g - dry wt | | | 2.43 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Ni | 7440-02-0 | M | L-42 | 0.883 | µg/g - dry wt | | | 0.4 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Cu | 7440-50-8 | M | L-42 | 2.16 | µg/g - dry wt | | | 0.032 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Zn | 7440-66-6 | M | L-42 | 2.67 | µg/g - dry wt | B | | 0.8 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 11/6/2001 | | 3 | SEM Cd | 7440-43-9 | M | L-42 | 0.16 | µg/g - dry wt | U | | 0.16 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Pb | 7439-92-1 | M | L-42 | 3.52 | µg/g - dry wt | | | 0.08 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 10/31/2001 | | 3 | SEM Hg | 7439-97-6 | M | L-41 | 0.00353 | µg/g - dry wt | J | | 0.08 |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | | | | 3 | AVS/SEM | | M | | 1.27 | | | | |
| CMS-SD-4003-0000-01 | 1678*160 | MSL | NORMAL | 7/12/2001 | 7/26/2001 | 7/27/2001 | | 4 | Methyl mercury | 22967-92-6 | M | L-40 | 0.000701 | µg/g - dry wt | | | 0.0002 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Beryllium | 7440-41-7 | M | L-44 | 1.95 | µg/g - dry wt | | | 0.016 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Aluminum | 7429-90-5 | M | L-44 | 17343 | µg/g - dry wt | | | 4.0 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Vanadium | 7440-62-2 | M | L-44 | 41.2 | µg/g - dry wt | | | 1.08 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Chromium | 7440-47-3 | M | L-44 | 167 | µg/g - dry wt | | | 1.0 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Manganese | 7439-96-5 | M | L-44 | 543 | µg/g - dry wt | | | 0.064 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Iron | 7439-89-6 | M | L-44 | 18164 | µg/g - dry wt | | | 1.1 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Cobalt | 7440-48-4 | M | L-42 | 8.80 | µg/g - dry wt | | | 1.34 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Nickel | 7440-02-0 | M | L-44 | 24.4 | µg/g - dry wt | | | 3.1 |
| CMS-SD-4007-0000-01 | 1878*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Copper | 7440-50-8 | M | L-44 | 171 | µg/g - dry wt | | | 0.39 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Zinc | 7440-66-6 | M | L-44 | 2088 | µg/g - dry wt | | | 0.38 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Arsenic | 7440-38-2 | M | L-42 | 11.2 | µg/g - dry wt | | | 2.00 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 9/10/2001 | | 4 | Selenium | 7782-49-2 | M | MSL-I-30 | 0.986 | µg/g - dry wt | J | | 1.06 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Molybdenum | 13939-06-5 | M | L-42 | 10.4 | µg/g - dry wt | | | 1.6 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Silver | 7440-22-4 | M | L-44 | 2.44 | µg/g - dry wt | | | 0.36 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Cadmium | 7440-43-9 | M | L-42 | 2.94 | µg/g - dry wt | | | 0.710 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Antimony | 7440-36-0 | M | L-42 | 0.522 | µg/g - dry wt | | | 0.080 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Barium | 7440-39-3 | M | L-44 | 151 | µg/g - dry wt | | | 0.040 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Thallium | 7440-28-0 | M | L-42 | 0.478 | µg/g - dry wt | | | 0.080 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Lead | 7439-92-1 | M | L-42 | 260 | µg/g - dry wt | | | 0.400 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Mercury | 7439-97-6 | M | L-41 | 1.08 | µg/g - dry wt | | | 0.008 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 7/20/2001 | | 3 | AVS | | M | MSL-C-001 | 1435 | µg/g - dry wt | | | 2.43 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Ni | 7440-02-0 | M | L-42 | 43.4 | µg/g - dry wt | | | 0.4 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Cu | 7440-50-8 | M | L-42 | 112 | µg/g - dry wt | | | 0.032 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Zn | 7440-66-6 | M | L-42 | 1624 | µg/g - dry wt | | | 0.8 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 11/6/2001 | | 3 | SEM Cd | 7440-43-9 | M | L-42 | 2.98 | µg/g - dry wt | | | 0.16 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 8/7/2001 | | 3 | SEM Pb | 7439-92-1 | M | L-42 | 550 | µg/g - dry wt | | | 0.08 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/20/2001 | 10/31/2001 | | 3 | SEM Hg | 7439-97-6 | M | L-41 | 0.0111 | µg/g - dry wt | J | | 0.08 |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | | | | 3 | AVS/SEM | | M | | 4.62 | | | | |
| CMS-SD-4007-0000-01 | 1678*161 | MSL | NORMAL | 7/12/2001 | 7/26/2001 | 7/27/2001 | | 4 | Methyl mercury | 22967-92-6 | M | L-40 | 0.00155 | µg/g - dry wt | | | 0.0002 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Beryllium | 7440-41-7 | M | L-44 | 4.31 | µg/g - dry wt | | | 0.016 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Aluminum | 7429-90-5 | M | L-44 | 24263 | µg/g - dry wt | | | 4.0 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Vanadium | 7440-62-2 | M | L-44 | 60.1 | µg/g - dry wt | | | 1.08 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Chromium | 7440-47-3 | M | L-44 | 214 | µg/g - dry wt | | | 1.0 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Manganese | 7439-96-5 | M | L-44 | 1655 | µg/g - dry wt | | | 0.064 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Iron | 7439-89-6 | M | L-44 | 32713 | µg/g - dry wt | | | 1.1 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Cobalt | 7440-48-4 | M | L-42 | 17.7 | µg/g - dry wt | | | 1.34 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Nickel | 7440-02-0 | M | L-44 | 85.3 | µg/g - dry wt | | | 3.1 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Copper | 7440-50-8 | M | L-44 | 223 | µg/g - dry wt | | | 0.39 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/31/2001 | | 4 | Zinc | 7440-66-6 | M | L-44 | 923 | µg/g - dry wt | | | 0.38 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Arsenic | 7440-38-2 | M | L-42 | 6.93 | µg/g - dry wt | | | 2.00 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 9/10/2001 | | 4 | Selenium | 7782-49-2 | M | MSL-I-30 | 0.934 | µg/g - dry wt | J | | 1.06 |
| LPX-SD-4004-0000-01 | 1678*162 | MSL | NORMAL | 7/12/2001 | 8/8/2001 | 8/15/2001 | | 4 | Molybdenum | 13939-06-5 | M | L-42 | 13.4 | µg/g - dry wt | | | 1.6 |

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

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

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

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

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

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 41.1 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 95.5 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 633 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 24489 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 7.71 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 28.2 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 121.8 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 449 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 3.59 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10.228 | 64.8 | | 0.205 | G_DRY | 0.543 | U | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 2.51 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 1.06 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 2.30 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 0.2 | U | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 170 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 0.405 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 0.998 | 64.8 | | 0.205 | G_DRY | 260 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 2 | 64.8 | | 0.205 | G_DRY | 0.205 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 1 | 64.8 | | 0.0600 | G_DRY | 276 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10 | 64.8 | | 0.0600 | G_DRY | 15.5 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10 | 64.8 | | 0.0600 | G_DRY | 47.5 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10 | 64.8 | | 0.0600 | G_DRY | 308 | U | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10 | 64.8 | | 0.0600 | G_DRY | 0.0958 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10 | 64.8 | | 0.0600 | G_DRY | 229 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 10 | 64.8 | | 0.0600 | G_DRY | 0.00743 | J | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | | | | | | 3.59 | | | T |
| LPX-SD-4002-0000-01 | 1678*166 | | 1 | 64.8 | | 1.304 | G_DRY | 0.00114 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 1.50 | | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 16846 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 46.6 | | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 91.3 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 790 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 27243 | | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 8.26 | | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 33.9 | | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 124.8 | | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 480 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 3.75 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 10.195 | 68.6 | | 0.205 | G_DRY | 0.533 | U | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 3.94 | | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 0.810 | | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 2.44 | | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 0.171 | U | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 191 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 0.434 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 0.995 | 68.6 | | 0.205 | G_DRY | 294 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 2 | 68.6 | | 0.205 | G_DRY | 0.22 | | | T |
| LPX-SD-071601-A | 1678*189 | | 1 | 68.6 | | 0.100 | G_DRY | 390 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 10 | 68.6 | | 0.100 | G_DRY | 16.5 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 10 | 68.6 | | 0.100 | G_DRY | 56.2 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 10 | 68.6 | | 0.100 | G_DRY | 398 | J | | T |
| LPX-SD-071601-A | 1678*189 | | 10 | 68.6 | | 0.100 | G_DRY | 1.23 | J | | T |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# Section 6
# SVOC (phenols and phthalates) Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

**STL Baltimore Report: 200929**
**Laboratory Project Manager: Tara E. Martz**
**Report Date: 20 August 2001**

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

## *SAMPLE RECEIPT*

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

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

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

## *ANALYTICAL METHODS*

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

## *QUALITY CONTROL*

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

929 11/2/01

**Client: Battelle Duxbury Operations** | **STL Baltimore Report: 200929**
**Site: Centerdale** | **Laboratory Project Manager: Tara E. Martz**
**Project number: G487002-22B1** | **Report Date: 20 August 2001**

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

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

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

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

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

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

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

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

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

928 Kare 11/2/01

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

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

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

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

*CERTIFICATION OF RESULTS*

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

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

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

_____ 20 August 2001
Tara E. Martz, Laboratory Project Manager

# STL Baltimore
# ANALYTICAL NARRATIVE

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

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

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

## *SAMPLE RECEIPT*

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

① SVOC results reported only. Sample results for all other samples in this SDG reported with Battelle water chemistry data report (11/7/01).
DTDahlen 11/3/01

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

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

## *ANALYTICAL METHODS*

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

## *QUALITY CONTROL*

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

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

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

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

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

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

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

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

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

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

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

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

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

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

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

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

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

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

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

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

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

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

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

*CERTIFICATION OF RESULTS*

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

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

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

12 September 2001
Tara E. Martz, Laboratory Project Manager

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

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

***SAMPLE RECEIPT***

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

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

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

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

***ANALYTICAL METHODS***

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

***QUALITY CONTROL***

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

**STL Baltimore Report: 200964** 64 11/2/01
**Laboratory Project Manager: Tara E. Martz**
**Report Date: 30 August 2001**

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

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

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

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

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

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

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

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

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

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

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

STL Baltimore Report: **200964**
Laboratory Project Manager: **Tara E. Martz**
Report Date: **30 August 2001**

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

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

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

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

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

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

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

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

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

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

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

***CERTIFICATION OF RESULTS***

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

**STL Baltimore**
**ANALYTICAL NARRATIVE**

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

STL Baltimore Report: **200905** 61 11/2/01
Laboratory Project Manager: **Tara E. Martz**
Report Date: **30 August 2001**

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

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

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

# Sediment and QC Results

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

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

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

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

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

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

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

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

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

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

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

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

# Section 7
# Grain Size and TOC Results

## QA/QC Narrative
## Sediment and QC Results

# QA/QC Narrative

# Grain Size and TOC SEDIMENT QA/QC SUMMARY

**PROJECT:** USACE NAE Delivery Order #01 Centredale

**PARAMETER:** Grain Size and TOC

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

**MATRIX:** Sediment (from crayfish and invertebrate locations)

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

1) The first shipment of samples was received in good condition.
2) Sample WRL-SD-4005-0000-01, from shipment two, was received broken and the field team was contacted to collect a replacement sample.
3) The third shipment of samples was received in good condition. However, one sample was received that was not listed on the chain of custody, LPX-SD-071601-A. Deirdre Dahlen identified the sample as the sediment field duplicate. The sample ID was noted on the chain of custody and analyzed for grain size and total organic carbon (TOC).

**QA/QC MEASUREMENT PERFORMANCE CRITERIA:**

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

[a] With signal to noise >10:1
[b] For values >10× the MDL

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

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

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

# Grain Size and TOC SEDIMENT QA/QC SUMMARY

**METHOD (cont):**

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

**HOLDING TIMES:**

Samples were prepared for analysis within holding time.

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

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

**DETECTION LIMITS:**

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

**BLANKS:**

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

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

**REPLICATES:**

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

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

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

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

**SRM:**

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

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

**REFERENCES:**

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

# Sediment and QC Results

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

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 91.0760 | G_DRY | 0.00 | | | |
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 91.0760 | G_DRY | 0.00 | | | |
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 91.0760 | G_DRY | 0.64 | | | |
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 91.0760 | G_DRY | 7.76 | | | |
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 91.0760 | G_DRY | 67.57 | | | |
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 91.0760 | G_DRY | 24.02 | | | |
| GMP-SD-5007-0000-01 | 9260 | 0.01 | | | | 0.0338 | G_DRY | 14.09 | | | |
| GMP-SD-5007-0000-01 | 9260 | 1 | | | | 21.4818 | G_DRY | 556 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 98.9197 | G_DRY | 2.82 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 98.9197 | G_DRY | 9.30 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 98.9197 | G_DRY | 25.58 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 98.9197 | G_DRY | 18.29 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 98.9197 | G_DRY | 27.02 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 98.9197 | G_DRY | 17.00 | | | |
| RAB-SD-5008-0000-01 | 9261 | 0.01 | | | | 0.0239 | G_DRY | 4.30 | | | |
| RAB-SD-5008-0000-01 | 9261 | 1 | | | | 36.6539 | G_DRY | 253 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 86.7980 | G_DRY | 0.00 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 86.7980 | G_DRY | 0.00 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 86.7980 | G_DRY | 0.48 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 86.7980 | G_DRY | 3.38 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 86.7980 | G_DRY | 66.14 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 86.7980 | G_DRY | 30.00 | | | |
| APB-SD-4008-0000-01 | 9262 | 0.01 | | | | 0.0229 | G_DRY | 10.35 | | | |
| APB-SD-4008-0000-01 | 9262 | 1 | | | | 23.5224 | G_DRY | 330 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 72.0420 | G_DRY | 0.00 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 72.0420 | G_DRY | 0.86 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 72.0420 | G_DRY | 3.43 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 72.0420 | G_DRY | 26.44 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 72.0420 | G_DRY | 54.27 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 72.0420 | G_DRY | 15.00 | | | |
| APB-SD-4009-0000-01 | 9263 | 0.01 | | | | 0.0249 | G_DRY | 7.75 | | | |
| APB-SD-4009-0000-01 | 9263 | 1 | | | | 20.1554 | G_DRY | 162 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 153.5273 | G_DRY | 0.84 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 153.5273 | G_DRY | 6.32 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 153.5273 | G_DRY | 44.36 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 153.5273 | G_DRY | 43.21 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 153.5273 | G_DRY | 3.26 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 153.5273 | G_DRY | 2.00 | | | |
| APB-SD-4010-0000-01 | 9264 | 0.01 | | | | 0.0662 | G_DRY | 1.24 | | | |
| APB-SD-4010-0000-01 | 9264 | 1 | | | | 37.0007 | G_DRY | 38 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 72.6787 | G_DRY | 0.00 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 72.6787 | G_DRY | 0.00 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 72.6787 | G_DRY | 0.00 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 72.6787 | G_DRY | 0.65 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 72.6787 | G_DRY | 69.35 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 72.6787 | G_DRY | 30.00 | | | |
| LPX-SD-4011-0000-01 | 9265 | 0.01 | | | | 0.0195 | G_DRY | 10.10 | | | |
| LPX-SD-4011-0000-01 | 9265 | 1 | | | | 22.2968 | G_DRY | 405 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 54.4734 | G_DRY | 0.00 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 54.4734 | G_DRY | 0.00 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 54.4734 | G_DRY | 0.25 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 54.4734 | G_DRY | 0.83 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 54.4734 | G_DRY | 67.57 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 54.4734 | G_DRY | 31.35 | | | |
| LPX-SD-4012-0000-01 | 9266 | 0.01 | | | | 0.0173 | G_DRY | 16.96 | | | |
| LPX-SD-4012-0000-01 | 9266 | 1 | | | | 28.5839 | G_DRY | 635 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 58.9906 | G_DRY | 0.00 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 58.9906 | G_DRY | 0.00 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 58.9906 | G_DRY | 1.70 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 58.9906 | G_DRY | 13.95 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 58.9906 | G_DRY | 69.35 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 58.9906 | G_DRY | 15.00 | | | |
| LPX-SD-4013-0000-01 | 9267 | 0.01 | | | | 0.0213 | G_DRY | 8.00 | | | |
| LPX-SD-4013-0000-01 | 9267 | 1 | | | | 21.5461 | G_DRY | 192 | | | |
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 101.2488 | G_DRY | 0.00 | | | |

| SAMPLE_NO | LAB_ID | LABORATORY | QC_TYPE | SAMP_DATE | EXTR_DATE | ANAL_DATE | CASE | SDG | PARAMETER | CAS_NO | CLASS | METHOD | LAB_RESULT | UNITS | LAB_QUAL | IDL | MDL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 0.53 | % | | 0.01 | 0.01 |
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 2.47 | % | | 0.01 | 0.01 |
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 59.00 | % | | 0.01 | 0.01 |
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 38.00 | % | | 0.01 | 0.01 |
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 11.95 | % | | 0.01 | 0.01 |
| GMP-SD-5002-0000-01 | 9268 | Applied Marine Sciences, Inc. | NORMAL | 07/11/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 569 | % | | 1 | 1 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 0.14 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.95 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 24.27 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 66.27 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 5.38 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 3.00 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 2.01 | % | | 0.01 | 0.01 |
| RWR-SD-5003-0000-01 | 9269 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 56 | % | | 1 | 1 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 8.78 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 45.07 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 34.28 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 7.48 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 4.40 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 2.02 | % | | 0.01 | 0.01 |
| RWR-SD-5004-0000-01 | 9270 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 63 | % | | 1 | 1 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 5.67 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 3.02 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 15.42 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 34.86 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 20.52 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 20.50 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 4.45 | % | | 0.01 | 0.01 |
| RAB-SD-5004-0000-01 | 9271 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 260 | % | | 1 | 1 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 6.88 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 6.38 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 23.57 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 35.85 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 20.97 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 6.35 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 5.51 | % | | 0.01 | 0.01 |
| CMS-SD-4003-0000-01 | 9272 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 145 | % | | 1 | 1 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 2.93 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 7.31 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 26.04 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 30.40 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 24.07 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 9.25 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 5.34 | % | | 0.01 | 0.01 |
| CMS-SD-4006-0000-01 | 9273 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 162 | % | | 1 | 1 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 3.42 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.89 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 8.29 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 16.52 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 54.88 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 16.00 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 6.94 | % | | 0.01 | 0.01 |
| CMS-SD-4007-0000-01 | 9274 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 176 | % | | 1 | 1 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.02 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 2.17 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 6.71 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 81.09 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 10.00 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 10.03 | % | | 0.01 | 0.01 |
| LPX-SD-4001-0000-01 | 9275 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 292 | % | | 1 | 1 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |

| SAMPLE_NO | LAB_ID | CRDL_CRQL | DIL_FACTOR | PCT_MOIST | COMMENTS | SAMPLE_SIZE | SAMPLE_SIZE_UNITS | FINAL_RESULT | FINAL_QUAL | VALID_COMMENT | FRACTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 101.2488 | G_DRY | 0.00 | | | |
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 101.2488 | G_DRY | 0.53 | | | |
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 101.2488 | G_DRY | 2.47 | J | | |
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 101.2488 | G_DRY | 59.00 | | | |
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 101.2488 | G_DRY | 38.00 | | | |
| GMP-SD-5002-0000-01 | 9268 | 0.01 | | | | 0.0155 | G_DRY | 11.95 | | | |
| GMP-SD-5002-0000-01 | 9268 | 1 | | | | 26.6714 | G_DRY | 569 | | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 147.7922 | G_DRY | 0.14 | | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 147.7922 | G_DRY | 0.95 | | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 147.7922 | G_DRY | 24.27 | | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 147.7922 | G_DRY | 66.27 | J | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 147.7922 | G_DRY | 5.38 | | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 147.7922 | G_DRY | 3.00 | | | |
| RWR-SD-5003-0000-01 | 9269 | 0.01 | | | | 0.0758 | G_DRY | 2.01 | | | |
| RWR-SD-5003-0000-01 | 9269 | 1 | | | | 31.8795 | G_DRY | 56 | | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 82.3755 | G_DRY | 0.00 | | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 82.3755 | G_DRY | 8.78 | | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 82.3755 | G_DRY | 45.07 | | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 82.3755 | G_DRY | 34.28 | J | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 82.3755 | G_DRY | 7.48 | | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 82.3755 | G_DRY | 4.40 | | | |
| RWR-SD-5004-0000-01 | 9270 | 0.01 | | | | 0.0742 | G_DRY | 2.02 | | | |
| RWR-SD-5004-0000-01 | 9270 | 1 | | | | 28.0497 | G_DRY | 63 | | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 65.2607 | G_DRY | 5.67 | | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 65.2607 | G_DRY | 3.02 | | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 65.2607 | G_DRY | 15.42 | | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 65.2607 | G_DRY | 34.86 | J | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 65.2607 | G_DRY | 20.52 | | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 65.2607 | G_DRY | 20.50 | | | |
| RAB-SD-5004-0000-01 | 9271 | 0.01 | | | | 0.0426 | G_DRY | 4.45 | | | |
| RAB-SD-5004-0000-01 | 9271 | 1 | | | | 17.8461 | G_DRY | 260 | | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 87.3930 | G_DRY | 6.88 | | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 87.3930 | G_DRY | 6.38 | | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 87.3930 | G_DRY | 23.57 | | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 87.3930 | G_DRY | 35.85 | J | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 87.3930 | G_DRY | 20.97 | | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 87.3930 | G_DRY | 6.35 | | | |
| CMS-SD-4003-0000-01 | 9272 | 0.01 | | | | 0.0267 | G_DRY | 5.51 | | | |
| CMS-SD-4003-0000-01 | 9272 | 1 | | | | 26.5531 | G_DRY | 145 | | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 112.2847 | G_DRY | 2.93 | | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 112.2847 | G_DRY | 7.31 | | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 112.2847 | G_DRY | 26.04 | | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 112.2847 | G_DRY | 30.40 | J | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 112.2847 | G_DRY | 24.07 | | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 112.2847 | G_DRY | 9.25 | | | |
| CMS-SD-4006-0000-01 | 9273 | 0.01 | | | | 0.0296 | G_DRY | 5.34 | | | |
| CMS-SD-4006-0000-01 | 9273 | 1 | | | | 18.3087 | G_DRY | 162 | | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 123.4923 | G_DRY | 3.42 | | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 123.4923 | G_DRY | 0.89 | | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 123.4923 | G_DRY | 8.29 | | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 123.4923 | G_DRY | 16.52 | J | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 123.4923 | G_DRY | 54.88 | | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 123.4923 | G_DRY | 16.00 | | | |
| CMS-SD-4007-0000-01 | 9274 | 0.01 | | | | 0.0307 | G_DRY | 6.94 | | | |
| CMS-SD-4007-0000-01 | 9274 | 1 | | | | 36.0862 | G_DRY | 178 | | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 127.1982 | G_DRY | 0.00 | | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 127.1982 | G_DRY | 0.02 | | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 127.1982 | G_DRY | 2.17 | | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 127.1982 | G_DRY | 6.71 | J | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 127.1982 | G_DRY | 81.09 | | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 127.1982 | G_DRY | 10.00 | | | |
| LPX-SD-4001-0000-01 | 9275 | 0.01 | | | | 0.0284 | G_DRY | 10.03 | | | |
| LPX-SD-4001-0000-01 | 9275 | 1 | | | | 19.6887 | G_DRY | 292 | | | |
| LPX-SD-4002-0000-01 | 9276 | 0.01 | | | | 97.0009 | G_DRY | 0.00 | | | |
| LPX-SD-4002-0000-01 | 9276 | 0.01 | | | | 97.0009 | G_DRY | 0.00 | | | |

| SAMPLE_NO | LAB_ID | LABORATORY | QC_TYPE | SAMP_DATE | EXTR_DATE | ANAL_DATE | CASE | SDG | PARAMETER | CAS_NO | CLASS | METHOD | LAB_RESULT | UNITS | LAB_QUAL | IDL | MDL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 5.26 | % | | 0.01 | 0.01 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 18.62 | % | | 0.01 | 0.01 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 63.62 | % | | 0.01 | 0.01 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 12.50 | % | | 0.01 | 0.01 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 9.50 | % | | 0.01 | 0.01 |
| LPX-SD-4002-0000-01 | 9276 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 251 | % | | 1 | 1 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 0.03 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 0.16 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 69.31 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 30.50 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 11.38 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277 | Applied Marine Sciences, Inc. | NORMAL | 07/12/01 | 7/20/01 | 7/20/01 | | | Water Content | | MISC | ASTM D2216 | 503 | % | | 1 | 1 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/26/01 | | | % Gravel | | GS | ASTM D422 | 1.65 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/26/01 | | | % Coarse Sand | | GS | ASTM D422 | 1.78 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/26/01 | | | % Medium Sand | | GS | ASTM D422 | 16.31 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/26/01 | | | % Fine Sand | | GS | ASTM D422 | 45.41 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/26/01 | | | % Silt | | GS | ASTM D422 | 29.35 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/26/01 | | | % Clay | | GS | ASTM D422 | 5.50 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 8.31 | % | | 0.01 | 0.01 |
| WRL-SD-4005-0000-01 | 9299 | Applied Marine Sciences, Inc. | NORMAL | 07/19/01 | 7/25/01 | 7/25/01 | | | Water Content | | MISC | ASTM D2216 | 128 | % | | 1 | 1 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Medium Sand | | GS | ASTM D422 | 0.71 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Fine Sand | | GS | ASTM D422 | 5.59 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Silt | | GS | ASTM D422 | 85.05 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Clay | | GS | ASTM D422 | 8.65 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 8.93 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300 | Applied Marine Sciences, Inc. | REPLICATE | 07/16/01 | 7/25/01 | 7/25/01 | | | Water Content | | MISC | ASTM D2216 | 79.00 | % | | 1 | 1 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/18/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/18/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/18/01 | | | % Medium Sand | | GS | ASTM D422 | 1.58 | % | | 0.01 | 0.01 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/18/01 | | | % Fine Sand | | GS | ASTM D422 | 15.17 | % | | 0.01 | 0.01 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/19/01 | | | % Silt | | GS | ASTM D422 | 66.75 | % | | 0.01 | 0.01 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/19/01 | | | % Clay | | GS | ASTM D422 | 16.50 | % | | 0.01 | 0.01 |
| LPX-SD-4013-0000-01 | 9267-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/10/01 | 7/17/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 7.85 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/23/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/23/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/23/01 | | | % Medium Sand | | GS | ASTM D422 | 0.05 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/23/01 | | | % Fine Sand | | GS | ASTM D422 | 0.21 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/24/01 | | | % Silt | | GS | ASTM D422 | 74.73 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/24/01 | | | % Clay | | GS | ASTM D422 | 25.00 | % | | 0.01 | 0.01 |
| LPX-SD-4004-0000-01 | 9277-2 | Applied Marine Sciences, Inc. | DUPLICATE | 7/12/01 | 7/20/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 11.36 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Gravel | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Coarse Sand | | GS | ASTM D422 | 0.00 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Medium Sand | | GS | ASTM D422 | 0.65 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Fine Sand | | GS | ASTM D422 | 4.32 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Silt | | GS | ASTM D422 | 88.53 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/26/01 | | | % Clay | | GS | ASTM D422 | 6.50 | % | | 0.01 | 0.01 |
| LPX-SD-071601-A | 9300-2 | Applied Marine Sciences, Inc. | DUPLICATE | 07/16/01 | 7/25/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 8.49 | % | | 0.01 | 0.01 |
| | CC01 | Applied Marine Sciences, Inc. | SRM | 7/27/01 | 7/27/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 4.67 | % | | 0.01 | 0.01 |
| | CB01 | Applied Marine Sciences, Inc. | BLANK | 7/27/01 | 7/27/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 0.01 | % | U | 0.01 | 0.01 |
| | CC02 | Applied Marine Sciences, Inc. | SRM | 7/27/01 | 7/27/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 4.84 | % | | 0.01 | 0.01 |
| | CB02 | Applied Marine Sciences, Inc. | BLANK | 7/27/01 | 7/27/01 | 7/27/01 | | | TOC | | TOC | EPA 9060 | 0.01 | % | U | 0.01 | 0.01 |

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

# Section 8
# Third Party Validation Reports

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

Steve Stodola
US EPA Approval Signature

3/25/02
Date
March 25, 2002
B-02-03-Z-04
Revised: March 29, 2002

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

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

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

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

1/Soil SRM/CIL EDF 2513

Dear Ms. Clark:

A Tier III data validation was performed on the Dioxin/Furan, HCX, and TCX analytical data for 12 sediment samples collected by Harding ESE, Inc. for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The samples were analyzed according to EPA Method 1613B, September 15, 1997. The samples were validated using first the criteria in the Centredale Manor Tasks 19-22 QAPP (5/23/01) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1613B, September 15, 1997, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and finally to EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/31/01). The criteria for HCX and TCX are documented in

Battelle's December 7, 2001 letter to EPA. See the Supporting Documentation section. The data were evaluated based on the following parameters:

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

* - All criteria were met for this parameter.

**<u>The following information was used to generate the Data Validation Memorandum attachments:</u>**

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

**<u>Overall Evaluation of Data and Potential Usability Issues</u>**

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

- To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site.

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

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

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

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

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

Data validation indicated minor data quality problems which do not significantly impact the usability of the data. However, the TCX data were rejected. See the discussion below for details. The reported results are usable for the site objectives with the exception of TCX results.

**Data Completeness (CSF Audit - Tier I)**

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

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

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

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

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

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

**Initial and Continuing Calibrations**

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

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

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

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

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

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

**Chromatographic Resolution**

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

**Blanks**

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

- Method Blanks

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

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

Blank actions are based on Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 and EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-007 (01/31/01) criteria. Blank action levels are calculated as ten times the highest concentration of the contaminant determined in any blank for common contaminants (OCDD/OCDF and Total Homologues) and five times the highest concentration for all other analytes. The positive sample results that are less than or equal to the blank action level are reported as non-detects (U) at the reported concentration on the Data Summary Table.

**Matrix Spike (MS)/Matrix Spike Duplicate**

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

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

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

* Recoveries and/or RPDs were acceptable.

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

**Laboratory Control Sample**

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

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

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

**Laboratory and Field Duplicates**

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

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

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

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

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

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

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

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

**Internal/Clean up Standards**

- Internal Standards

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

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

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

**Sample Quantitation**

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

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

**2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity**

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

**Required Sample Reruns and Second Column Confirmation**

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

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

**System Performance**

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

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

Very truly yours,

LOCKHEED ENVIRONMENTAL

Maria E. Baca
Senior Scientist

Louis Maen
ESAT Program Manager

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

Attachments: Table I: Recommendation Summary Table
Table II: Overall Evaluation of Data
Data Summary Tables
Data Validation Worksheets
Analytical Method
PES Score Reports
Communications
Field Notes

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

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

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

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

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

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

EPA-NE - Data Validation Worksheet

**Overall Evaluation of Data - Data Validation Memorandum - Table II**

| DIOXIN/FURAN/HCX/TCX ANALYSIS | | | | | |
|---|---|---|---|---|---|
| DQO (List all DQOs) | Sampling and/or Analytical Method Appropriate Yes or No | Measurement Error | | Sampling Variability | Potential Usability Issues |
| | | Analytical Error | Sampling Error* | | |
| To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site. | No, Sampling Method not appropriate for all samples<br><br>Yes, Analytical Method appropriate for all samples. | Refer to qualification in R/S Key on Table I:<br><br>R[illegible] | Refer to qualification in R/S Key on Table I:<br><br>R[illegible] | ** | One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2513 for Dioxin/Furan congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of 30%D from the consensus value.<br><br>The TCX results indicated analytical problems. The problems include: a noncompliant initial calibration, low Ongoing Precision and Recovery (OPR) recovery, low Matrix Spike (MS), and Matrix Spike Duplicate (MSD) recoveries. All TCX data were rejected due to the above noncompliancies.<br><br>Two sediment samples had percent solids less than 30%: GMP-SD-3002-0000-01 and LPX-SD-4004-0000-01. As a result of low percent solids, the positive results were estimated (J) and non-detected results were rejected (R) in these two samples.<br><br>The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the data. Contaminants were found in both the blanks and the field samples. If the analyte concentrations in the field samples are less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination.<br><br>Data validation indicated minor data quality problems which do not significantly impact the usability of the data. However, the TCX data were rejected. See the discussion in the data validation memorandum for details. The reported results are usable for the site objectives with the exception of TCX results. |

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

Validator: Marie Bass

Date: 3/29/02

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO.: Centredale Sediments B10F1, SDG NO.: 48985-01 D/F
LABORATORY: Battelle

| SAMPLE NUMBER: | Toxicity Equivalency Factors (1) | CMS-SD-4000-0000-01# | | CMS-SD-4006-0000-01# | | CMS-SD-4007-0000-01# | | GMP-SD-5002-0000-01# | | LPX-SD-071801-AW | | LPX-SD-4001-0000-01# | | LPX-SD-4002-0000-01# | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION LOCATION: | | Centredale Manor Site | | Centredale Manor Site | | Centredale Manor Site | | Greystone Mill Pond | | Lymansville Pond | | Lymansville Pond | | Lymansville Pond | |
| MATRIX: | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | |
| TCDD/TCDF CONC.: | | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* |
| 2,3,7,8-TCDD | 1.00 | 327.90 | | 3189.28 | | 381.41 | | 2.77 J | | 478.64 J | | 4556.77 | | 216.21 J | |
| 1,2,3,7,8-PeCDD | 0.50 | U | 0.93 | 4.46 J | | 1.66 J | | 2.15 J | | 10.73 | | 6.44 J | | 10.35 | |
| 1,2,3,4,7,8-HxCDD | 0.10 | 1.87 J | | 5.67 | | 5.63 | | 2.52 J | | 21.53 | | 7.91 J | | 13.82 | |
| 1,2,3,6,7,8-HxCDD | 0.10 | 5.97 | | 24.93 | | 14.31 | | 10.10 J | | 74.61 | | 28.89 | | 58.23 | |
| 1,2,3,7,8,9-HxCDD | 0.10 | 5.40 | | 23.16 | | 24.03 | | 8.23 J | | 64.44 | | 28.82 | | 50.82 | |
| 1,2,3,4,6,7,8-HpCDD | 0.01 | 110.89 | | 583.77 | | 246.14 | | 207.90 J | | 1567.27 | | 620.72 | | 1483.33 | |
| OCDD | 0.001 | 703.87 | | 5185.67 | | 1196.64 | | 1831.28 J | | 11092.28 | | 4284.98 | | 10752.11 J | |
| 2,3,7,8-TCDF | 0.1 | 7.12 $ | | 19.65 J$ | | 12.20 J$ | | 6.76 J$ | | 5.37 J$ | | 17.01 $ | | 8.26 J$ | |
| 1,2,3,7,8-PeCDF | 0.05 | U | 0.89 | 2.34 J | | 2.81 J | | 2.73 J | | 4.75 J | | 3.76 J | | 4.16 J | |
| 2,3,4,7,8-PeCDF | 0.5 | 2.48 J | | 3.89 J | | 8.49 | | 3.90 J | | 5.78 J | | 6.24 J | | U | 4.91 |
| 1,2,3,4,7,8-HxCDF | 0.1 | 5.75 | | 12.00 | | 13.68 | | 10.18 J | | 22.23 | | 20.85 J | | 19.63 | |
| 1,2,3,6,7,8-HxCDF | 0.1 | 6.14 | | 10.82 | | 11.80 | | 8.15 J | | 20.09 | | 18.11 J | | 19.51 | |
| 1,2,3,7,8,9-HxCDF | 0.1 | UJ | 0.29 | UJ | 0.45 | UJ | 0.43 | UJ | 0.47 | U | 1.87 | UJ | 9.04 | U | 4.23 |
| 2,3,4,6,7,8-HxCDF | 0.1 | 3.51 J | | 6.78 | | 9.85 | | 4.83 J | | 14.82 | | 12.44 J | | 13.72 | |
| 1,2,3,4,6,7,8-HpCDF | 0.01 | 67.82 | | 164.08 | | 117.83 | | 82.58 J | | 313.37 | | 225.62 | | 333.84 | |
| 1,2,3,4,7,8,9-HpCDF | 0.01 | 2.78 J | | 7.77 | | 4.95 J | | 4.43 J | | 17.86 | | 10.64 J | | 17.52 J | |
| OCDF | 0.001 | 74.21 | | 405.83 | | 161.06 | | 133.39 J | | 568.45 | | 285.36 | | 664.34 J | |
| TOTAL TCDD | | 327.90 J | | 3189.28 J | | 381.41 J | | 8.81 J | | 478.64 J | | 4556.77 J | | 216.21 J | |
| TOTAL PeCDD | | 8.58 J | | 8.79 J | | 16.45 J | | 7.86 J | | 34.08 J | | 27.02 J | | 12.39 J | |
| TOTAL HxCDD | | 43.75 J | | 161.01 J | | 161.80 J | | 72.78 J | | 360.85 J | | 194.40 J | | 423.84 J | |
| TOTAL HpCDD | | 290.89 J | | 1846.25 J | | 600.88 J | | 421.24 J | | 3560.58 J | | 1134.86 J | | 3344.63 J | |
| TOTAL TCDF | | 18.59 J | | 83.62 J | | 111.04 J | | 39.60 J | | 25.79 J | | 131.79 J | | 12.49 J | |
| TOTAL PeCDF | | 95.87 J | | 144.66 J | | 270.32 J | | 85.35 J | | 142.74 J | | 312.88 J | | 144.77 J | |
| TOTAL HxCDF | | 99.80 J | | 189.17 J | | 229.82 J | | 109.04 J | | 331.34 J | | 328.85 J | | 330.46 J | |
| TOTAL HpCDF | | 129.76 J | | 481.52 J | | 255.24 J | | 170.21 J | | 786.54 J | | 470.65 J | | 711.31 J | |
| HCX - Hexachloroxanthene | | 13142.44 J | | 135606.80 J | | 18926.43 J | | 354.29 J | | 3939.06 J | | 71043.39 J | | 3743.87 J | |
| TCX - Tetrachloroxanthene | | R | | R | | R | | R | | R | | R | | R | |
| TOXICITY EQUIVALENCY(1): | | 340 J | | 3200 J | | 400 J | | 16 J | | 540 J | | 4000 J | | 270 J | |
| PERCENT SOLIDS: | | 50.40 | | 43.24 | | 42.83 | | 24.17 | | 36.78 | | 29.99 | | 36.36 | |
| DILUTION FACTOR: | | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.5 | | 1.0 | | 1.0 | |
| DATE SAMPLED: | | 07/12/01 | | 07/12/01 | | 07/12/01 | | 07/11/01 | | 07/18/01 | | 07/12/01 | | 07/12/01 | |
| DATE OF RECEIPT: | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/21/01 | | 07/14/01 | | 07/14/01 | |
| SAMPLE EXTRACTION DATE: | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 08/30/01 | | 07/23/01 | | 07/23/01 | |
| ANALYSIS DATE: | | 07/28/01 | | 07/28/01 | | 07/28/01 | | 07/27/01 | | 09/13/01 | | 07/28/01 | | 08/17/01 | |
| LAB SAMPLE ID: | | 48985-01-06 | | 48985-01-07 | | 48985-01-08 | | 48985-01-02 | | 49008-01-17 | | 48985-01-09 | | 48985-01-10 | |

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

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO.: Centredale Sediments 81OF1, SDG NO.: 48985-01 DF
LABORATORY: Battelle

| SAMPLE NUMBER: | Toxicity Equivalency Factors (1) | LPX-SD-4004-0000-01# | | RAB-SD-5004-0000-01# | | RWR-SD-6003-0000-01# | | RWR-SD-5004-0000-01# | | WRL-SD-4005-0000-01# | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION LOCATION: | | Lymansville Pond | | Assapuntpsett Brook, Ref. | | Woonasquatucket R. Upstream Reach | | Woonasquatucket R. Upstream Reach | | Woonasquatucket R. Lymansville Reach | |
| 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* |
| 2,3,7,8-TCDD | 1.00 | 2072.67 J | | U | 1.84 | U | 1.02 | U | 0.76 | 751.76 | |
| 1,2,3,7,8-PeCDD | 0.50 | 3.97 J | | U | 0.26 | U | 1.05 | U | 0.89 | 2.03 J | |
| 1,2,3,4,7,8-HxCDD | 0.10 | 5.99 J | | U | 0.60 | 1.43 J | | 1.76 J | | 3.00 J | |
| 1,2,3,6,7,8-HxCDD | 0.10 | 18.93 J | | U | 2.07 | 5.14 J | | 7.71 | | 9.26 | |
| 1,2,3,7,8,9-HxCDD | 0.10 | 18.05 J | | U | 3.23 | U | 3.57 | 6.82 | | 8.31 | |
| 1,2,3,4,6,7,8-HpCDD | 0.01 | 407.40 J | | U | 44.64 | 87.26 J | | 105.63 | | 192.68 | |
| OCDD | 0.001 | 2882.29 J | | U | 237.16 | 459.36 J | | 584.43 | | 1347.93 | |
| 2,3,7,8-TCDF | 0.1 | 12.96 J | | U | 2.49 $ | 4.18 $ | | 4.24 $ | | 5.20 $ | |
| 1,2,3,7,8-PeCDF | 0.05 | 3.89 J | | U | 0.23 | U | 2.01 | U | 1.12 | 1.88 J | |
| 2,3,4,7,8-PeCDF | 0.5 | 6.31 J | | U | 1.00 | 6.11 J | | 2.39 J | | 2.85 J | |
| 1,2,3,4,7,8-HxCDF | 0.1 | 12.06 J | | U | 2.36 | 4.39 J | | 7.42 | | 6.28 | |
| 1,2,3,6,7,8-HxCDF | 0.1 | 9.58 J | | U | 0.93 | 2.58 J | | 5.71 | | 4.89 J | |
| 1,2,3,7,8,9-HxCDF | 0.1 | UJ | 0.42 | UJ | 0.65 | U | 1.55 | UJ | 0.40 | U | 0.17 |
| 2,3,4,6,7,8-HxCDF | 0.1 | 6.53 J | | U | 1.14 | 1.74 J | | 4.91 | | 3.56 J | |
| 1,2,3,4,6,7,8-HpCDF | 0.01 | 122.52 J | | 8.02 | | 28.07 | | 226.66 | | 70.84 | |
| 1,2,3,4,7,8,9-HpCDF | 0.01 | 6.49 J | | U | 0.49 | U | 1.36 | 3.24 J | | 3.35 J | |
| OCDF | 0.001 | 202.75 J | | 10.69 | | 44.94 | | 102.59 | | 129.58 | |
| TOTAL TCDD | | 2072.67 J | | UJ | 1.29 | UJ | 1.02 | UJ | 2.72 | 751.76 J | |
| TOTAL PeCDD | | 18.74 J | | 2.43 J | | UJ | 1.05 | 6.98 J | | 10.73 J | |
| TOTAL HxCDD | | 122.71 J | | UJ | 24.16 | UJ | 37.03 | 62.62 J | | 63.03 J | |
| TOTAL HpCDD | | 739.69 J | | UJ | 83.16 | UJ | 140.94 | 205.87 J | | 345.17 J | |
| TOTAL TCDF | | 95.59 J | | 14.28 J | | UJ | 3.63 | 23.97 J | | 34.22 J | |
| TOTAL PeCDF | | 178.36 J | | UJ | 14.92 | 48.11 J | | 67.37 J | | 51.85 J | |
| TOTAL HxCDF | | 178.47 J | | UJ | 13.68 | 37.90 J | | 148.92 J | | 66.44 J | |
| TOTAL HpCDF | | 257.75 J | | UJ | 15.82 | 53.35 J | | 381.44 J | | 162.68 J | |
| HCX - Hexachloroxanthene | | 117649.10 J | | 17.22 J | | 22.78 J | | 26.89 J | | 21822.87 J | |
| TCX - Tetrachloroxanthene | | R | | R | | R | | R | | R | |
| TOXICITY EQUIVALENCY(1)# | | 2100 J | | 0.091 J | | 6.9 J | | 9.1 J | | 760 J | |
| PERCENT SOLIDS: | | 28.20 | | 41.18 | | 69.60 | | 69.80 | | 46.37 | |
| DILUTION FACTOR: | | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| DATE SAMPLED: | | 07/12/01 | | 07/12/01 | | 07/12/01 | | 07/12/01 | | 07/12/01 | |
| DATE OF RECEIPT: | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/14/01 | |
| SAMPLE EXTRACTION DATE: | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 07/23/01 | |
| ANALYSIS DATE: | | 07/28/01 | | 07/28/01 | | 07/28/01 | | 07/27/01 | | 07/28/01 | |
| LAB SAMPLE ID: | | 48985-01-11 | | 48985-01-05 | | 48985-01-03 | | 48985-01-04 | | 48985-01-12 | |

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

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

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

| SAMPLE NUMBER: | Toxicity Equivalency Factors (1) | CMS-SD-4003-0000-01# | | CMS-SD-4006-0000-01# | | CMS-SD-4007-0000-01# | | GMP-SD-5002-0000-01# | | LPX-SD-071601-AV | | LPX-SD-4001-0000-01# | | LPX-SD-4002-0000-01# | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION LOCATION: | | Centredale Manor Site | | Centredale Manor Site | | Centredale Manor Site | | Greystone Mill Pond | | Lymansville Pond | | Lymansville Pond | | Lymansville Pond | |
| MATRIX: | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | |
| TCDD/TCDF CONC.: | | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* | pg/g | DL/EMPC* |
| 2,3,7,8-TCDD | 1.0000 | 327.90 | | 3199.28 | | 381.41 | | 2.77 J | | 476.54 J | | 4556.77 | | 216.21 J | |
| 1,2,3,7,8-PeCDD | 1.0000 | U | 0.63 | 6.46 J | | 1.66 J | | 2.15 J | | 10.23 | | 6.44 J | | 10.35 | |
| 1,2,3,4,7,8-HxCDD | 0.1000 | 1.87 J | | 5.87 | | 5.63 | | 2.52 J | | 21.63 | | 7.91 J | | 13.82 | |
| 1,2,3,6,7,8-HxCDD | 0.1000 | 5.97 | | 24.98 | | 56.31 | | 10.10 J | | 74.01 | | 28.89 | | 65.23 | |
| 1,2,3,7,8,9-HxCDD | 0.1000 | 5.40 | | 23.15 | | 24.03 | | 9.23 J | | 64.44 | | 25.82 | | 50.82 | |
| 1,2,3,4,6,7,8-HpCDD | 0.0100 | 110.89 | | 583.77 | | 248.14 | | 207.80 J | | 1597.27 | | 626.72 | | 1490.33 | |
| OCDD | 0.0001 | 783.87 | | 5585.97 | | 1596.64 | | 5801.29 J | | 11092.28 | | 4294.96 | | 10752.11 J | |
| 2,3,7,8-TCDF | 0.1000 | 7.12 $ | | 19.85 JS | | 12.20 JS | | 6.75 JS | | 6.37 JS | | 17.91 $ | | 6.26 JS | |
| 1,2,3,7,8-PeCDF | 0.0500 | U | 0.98 | 2.34 J | | 2.61 J | | 2.73 J | | 3.76 J | | 3.70 J | | 4.16 J | |
| 2,3,4,7,8-PeCDF | 0.5000 | 2.48 J | | 3.89 J | | 8.49 | | 3.93 J | | 6.78 J | | 8.24 J | | U | 4.91 |
| 1,2,3,4,7,8-HxCDF | 0.1000 | 5.75 | | 12.03 | | 13.66 | | 10.18 J | | 22.20 | | 20.85 J | | 19.53 | |
| 1,2,3,6,7,8-HxCDF | 0.1000 | 5.14 | | 19.82 | | 11.80 | | 8.15 J | | 20.08 | | 18.11 J | | 19.11 | |
| 1,2,3,7,8,9-HxCDF | 0.1000 | UJ | 0.29 | UJ | 8.45 | UJ | 0.43 | UJ | 0.47 | U | 1.87 | UJ | 9.04 | U | 4.20 |
| 2,3,4,6,7,8-HxCDF | 0.1000 | 3.51 J | | 9.79 | | 9.95 | | 4.80 J | | 14.82 | | 12.44 J | | 13.73 | |
| 1,2,3,4,6,7,8-HpCDF | 0.0100 | 87.82 | | 184.05 | | 117.89 | | 82.59 J | | 313.37 | | 226.62 | | 333.84 | |
| 1,2,3,4,7,8,9-HpCDF | 0.0100 | 2.76 J | | 7.77 | | 4.95 J | | 4.43 J | | 17.86 | | 10.54 J | | 17.52 J | |
| OCDF | 0.0001 | 74.21 | | 405.83 | | 161.08 | | 133.39 J | | 568.45 | | 286.36 | | 694.34 J | |
| TOTAL TCDD | | 327.90 J | | 3199.28 J | | 381.41 J | | 8.81 J | | 476.54 J | | 4556.77 J | | 216.21 J | |
| TOTAL PeCDD | | 6.66 J | | 8.79 J | | 18.45 J | | 7.85 J | | 34.08 J | | 27.02 J | | 42.39 J | |
| TOTAL HxCDD | | 43.76 J | | 181.01 J | | 181.50 J | | 72.76 J | | 380.85 J | | 194.40 J | | 423.84 J | |
| TOTAL HpCDD | | 203.89 J | | 1043.25 J | | 503.89 J | | 431.24 J | | 3560.88 J | | 1134.58 J | | 3344.63 J | |
| TOTAL TCDF | | 18.69 J | | 63.62 J | | 111.04 J | | 39.80 J | | 25.79 J | | 131.79 J | | 10.49 J | |
| TOTAL PeCDF | | 95.87 J | | 144.66 J | | 270.32 J | | 85.36 J | | 142.74 J | | 312.88 J | | 140.77 J | |
| TOTAL HxCDF | | 99.60 J | | 189.17 J | | 229.82 J | | 109.04 J | | 331.34 J | | 328.85 J | | 333.46 J | |
| TOTAL HpCDF | | 129.76 J | | 491.62 J | | 253.24 J | | 170.21 J | | 766.54 J | | 470.85 J | | 711.31 J | |
| HCX - Hexachlorooxanthene | | 13142.44 J | | 135803.80 J | | 10805.43 J | | 154.29 J | | 3988.08 J | | 71043.38 J | | 3743.83 J | |
| TCX - Tetrachlorooxanthene | | R | | R | | R | | R | | R | | R | | R | |
| TOXICITY EQUIVALENCY(1): | | 330 J | | 3200 J | | 400 J | | 15 J | | 530 J | | 4850 J | | 290 J | |
| PERCENT SOLIDS: | | 60.40 | | 43.24 | | 42.63 | | 24.17 | | 36.78 | | 28.98 | | 36.35 | |
| DILUTION FACTOR: | | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.5 | | 1.0 | | 1.0 | |
| DATE SAMPLED: | | 07/12/01 | | 07/12/01 | | 07/12/01 | | 07/11/01 | | 07/18/01 | | 07/12/01 | | 07/12/01 | |
| DATE OF RECEIPT: | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/21/01 | | 07/14/01 | | 07/14/01 | |
| SAMPLE EXTRACTION DATE: | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 08/30/01 | | 07/23/01 | | 07/23/01 | |
| ANALYSIS DATE: | | 07/28/01 | | 07/28/01 | | 07/28/01 | | 07/27/01 | | 09/13/01 | | 07/28/01 | | 08/17/01 | |
| LAB SAMPLE ID: | | 48985-01-06 | | 48985-01-07 | | 48985-01-08 | | 48985-01-02 | | 49098-01-17 | | 48985-01-09 | | 48985-01-10 | |

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
# = Results are reported on a dry weight basis.
$ = Results reported from a confirmation analysis.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 778.

Data Summary Table
Dioxin/Furan Analysis - Sediment Samples

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

| SAMPLE NUMBER: | Toxicity Equivalency Factors (1) | LPK-SD-4004-0000-01# | | RAB-SD-5004-0000-01# | | RWR-SD-5003-0000-01# | | RWR-SD-5004-0000-01# | | WRL-SD-4005-0000-01# | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION LOCATION: | | Lymansville Pond | | Assapumpsett Brook, Ref. | | Woonasquatucket R. Upstream Reach | | Woonasquatucket R. Upstream Reach | | Woonasquatucket R. Lymansville Reach | |
| 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* |
| 2,3,7,8-TCDD | 1.0000 | 2072.67 J | | U | 1.04 | U | 1.02 | U | 0.78 | 751.76 | |
| 1,2,3,7,8-PeCDD | 1.0000 | 3.97 J | | U | 0.26 | U | 1.05 | U | 0.69 | 2.08 J | |
| 1,2,3,4,7,8-HxCDD | 0.1000 | 5.99 J | | U | 0.90 | 1.43 J | | 1.78 J | | 3.00 J | |
| 1,2,3,6,7,8-HxCDD | 0.1000 | 18.93 J | | U | 2.07 | 5.14 J | | 7.71 | | 9.26 | |
| 1,2,3,7,8,9-HxCDD | 0.1000 | 18.05 J | | U | 3.23 | U | 3.67 | 6.82 | | 8.31 | |
| 1,2,3,4,6,7,8-HpCDD | 0.0100 | 487.40 J | | U | 44.84 | 67.26 J | | 106.63 | | 192.86 | |
| OCDD | 0.0001 | 2692.29 J | | U | 237.18 | 469.38 J | | 584.43 | | 1347.90 | |
| 2,3,7,8-TCDF | 0.1000 | 12.98 J | | U | 2.49 $ | 4.18 $ | | 4.24 $ | | 5.20 $ | |
| 1,2,3,7,8-PeCDF | 0.0500 | 3.69 J | | U | 0.23 | U | 2.01 | U | 1.12 | 1.88 J | |
| 2,3,4,7,8-PeCDF | 0.5000 | 5.31 J | | U | 1.00 | 5.11 J | | 2.39 J | | 2.85 J | |
| 1,2,3,4,7,8-HxCDF | 0.1000 | 12.06 J | | U | 2.36 | 4.39 J | | 7.42 | | 6.28 | |
| 1,2,3,6,7,8-HxCDF | 0.1000 | 9.58 J | | U | 8.90 | 2.98 J | | 5.71 | | 4.69 J | |
| 1,2,3,7,8,9-HxCDF | 0.1000 | UJ | 0.42 | UJ | 8.65 | U | 1.56 | UJ | 6.40 | U | 0.17 |
| 2,3,4,6,7,8-HxCDF | 0.1000 | 6.53 J | | U | 1.14 | 1.74 J | | 4.91 | | 3.56 J | |
| 1,2,3,4,6,7,8-HpCDF | 0.0100 | 122.52 J | | 8.02 | | 26.07 | | 225.66 | | 70.84 | |
| 1,2,3,4,7,8,9-HpCDF | 0.0100 | 8.48 J | | U | 0.49 | U | 1.35 | 3.24 J | | 3.35 J | |
| OCDF | 0.0001 | 202.73 J | | 10.69 | | 44.94 | | 102.59 | | 129.88 | |
| TOTAL TCDD | | 2072.67 J | | UJ | 1.28 | UJ | 1.02 | UJ | 2.72 | 761.76 J | |
| TOTAL PeCDD | | 18.74 J | | 2.43 J | | UJ | 1.05 | 5.98 J | | 10.73 J | |
| TOTAL HxCDD | | 122.71 J | | UJ | 24.19 | UJ | 37.05 | 82.52 J | | 63.03 J | |
| TOTAL HpCDD | | 738.89 J | | UJ | 83.16 | UJ | 149.94 | 206.87 J | | 345.17 J | |
| TOTAL TCDF | | 95.69 J | | 14.28 J | | UJ | 3.63 | 23.97 J | | 34.22 J | |
| TOTAL PeCDF | | 178.36 J | | UJ | 14.92 | 48.11 J | | 67.37 J | | 52.85 J | |
| TOTAL HxCDF | | 178.47 J | | UJ | 13.68 | 37.90 J | | 148.92 J | | 86.44 J | |
| TOTAL HpCDF | | 267.75 J | | UJ | 15.82 | 63.35 J | | 391.44 J | | 152.68 J | |
| HCX - Hexachloroxanthene | | 117649.10 J | | 17.22 J | | 22.78 J | | 25.69 J | | 21822.67 J | |
| TCX - Tetrachloroxanthene | | R | | R | | R | | R | | R | |
| TOXICITY EQUIVALENCY(1): | | 2100 J | | 0.061 J | | 5.5 J | | 8.6 J | | 760 J | |
| PERCENT SOLIDS: | | 28.20 | | 41.15 | | 69.60 | | 60.50 | | 48.37 | |
| DILUTION FACTOR: | | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| DATE SAMPLED: | | 07/12/01 | | 07/12/01 | | 07/12/01 | | 07/12/01 | | 07/12/01 | |
| DATE OF RECEIPT: | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/14/01 | | 07/14/01 | |
| SAMPLE EXTRACTION DATE: | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 07/23/01 | | 07/23/01 | |
| ANALYSIS DATE: | | 07/28/01 | | 07/28/01 | | 07/28/01 | | 07/27/01 | | 07/28/01 | |
| LAB SAMPLE ID: | | 46985-01-11 | | 46985-01-05 | | 46985-01-03 | | 46985-01-04 | | 46985-01-12 | |

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*". The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.
# = Results are reported on a dry weight basis.
$ = Results reported from a confirmation analysis.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106 (12), December 1998, Table 1, page 775.

Steve Stodola
US EPA Approval Signature

4/16/02
Date

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

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

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

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

1/Soil SRM/NIST 1944

Dear Ms. Clark:

A Tier III data validation was performed on the 209 PCB congeners analytical data for four sediment samples collected by Harding ESE, Inc. for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The samples were analyzed according to EPA Method 1668A, December 1999, as outlined in the Centredale Manor Tasks 19-22 QAPP (5/23/01). The samples were validated using first the criteria in the Centredale Manor Tasks 19-22 QAPP (5/23/01) prepared by Battelle Duxbury Operations which include the criteria in EPA Method 1668A, December 1999, defaulting next to Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 criteria, and to EPA Region I's Environmental Services Assistance Team PCB Congener Data Validation ESAT-01-0008 Draft (8/31/01). The data were evaluated based on the following parameters:

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

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

* - All criteria were met for this parameter.

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

Table I: Recommendation Summary Table - summarizes validation recommendations

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

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

**Overall Evaluation of Data and Potential Usability Issues**

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

- To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site.

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

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

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

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

site objectives.

**Data Completeness (CSF Audit - Tier I)**

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

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

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

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

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

**PE Samples/Accuracy Check**

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

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

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

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

**Initial and Continuing Calibrations**

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

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

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

**Chromatographic Resolution**

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

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

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

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

**Blanks**

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

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

Blank actions are based on Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 and EPA Region I's Environmental Services Assistance Team PCB Congener data Validation ESAT-01-0008 Draft (8/31/01) criteria. Blank action levels are calculated as five times the highest concentration of the contaminant determined in any blank. The positive sample results that are less than the blank action level are reported as non-detects (U) at the reported concentration on the Data Summary Table.

**Matrix Spike/Matrix Spike Duplicate**

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

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

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

* Recoveries and/or RPDs were acceptable

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

**Laboratory and Field Duplicates**

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

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

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

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

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

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

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

**Internal/Clean-up Standards**

- Internal Standards

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

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

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

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

- Clean-up Standards

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

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

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

**Sample Quantitation**

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

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

**2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity**

TE values were not calculated by the laboratory. All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. The validated data accounts for blank contamination and any necessary dilutions. The TE calculations include the reported EMPC values. The TEF values for the PCBs are published in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106, Number 12, December 1998, Table 1, page 778.

**System Performance**

No trends noted.

Very truly yours,

LOCKHEED ENVIRONMENTAL

Janine Bartels
Principal Scientist

Louis Macri
ESAT Program Manager

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

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

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

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

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

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

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

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



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

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

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

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

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

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

Table I
Recommendation Summary Table for PCB Congeners

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

EPA-NE - Data Validation Worksheet

**Overall Evaluation of Data - Data Validation Memorandum - Table II**

| PCB ANALYSIS | | | | | |
|---|---|---|---|---|---|
| DQO (list all DQOs) | Sampling and/or Analytical Method Appropriate Yes or No | Measurement Error | | Sampling Variability | Potential Usability Issues |
| | | Analytical Error | Sampling Error* | | |
| The following is a summary of the site investigation/assessment objectives as found in Centredale Manor Tasks 19-22 QAPP (5/23/01):<br><br>To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site. | Yes,<br>Sampling Method appropriate for all samples<br><br>Yes,<br>Analytical Method appropriate for all samples. | Refer to qualification in R/S Key on Table I:<br><br>[illegible] | Refer to qualification in R/S Key on Table I:<br><br>J[illegible], R[illegible] | ** | One National Institute of Standards & Technology (NIST) Standard Reference Material (SRM) sample was evaluated for this SDG (NIST 1944 for PCB congeners in soil). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criteria of less than 30 %D from the consensus value except for PCB-44, PCB-86 and PCB-93. PCB-44, PCB-86, and PCB-93 had low recoveries, the results for these PCBs in all samples were estimated (J, UJ) due to the possibility of bias low results.<br><br>The method blanks exhibited low level contamination. This contamination problem does not have an impact on the usability of the data. Contaminants were found in both the blanks and the field samples. When the analyte concentrations in the field samples were less than the corresponding blank action level, the field sample results reported by the laboratory are qualified as non-detected (U) on the Data Summary Table. See Table I for a summary of the qualifiers applied due to blank contamination.<br><br>Sample LPX-SD-4004-0000-01 had less than 30% solids, all positive results were estimated (J) and non-detects were rejected (R).<br><br>Data validation indicated minor data quality problems which do not significantly impact the usability of the data. See the data validation memorandum for details. The reported results are usable for the site objectives. |

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

** Sampling variability is not assessed in data validation.

Validator: [signature]

Date: 4/15/02

Data Summary Table
Polychlorinated Biphenyls Analysis - Sediment Samples

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

SDG No. 48985-01 PCB

| SAMPLE NUMBER: | Toxicity Equivalency Factors (1) | LPX-SD-4001-0000-01# | | LPX-SD-4004-0000-01# | | LPX-SD-071801-A# | | RIVR-SD-5003-0000-01 | |
|---|---|---|---|---|---|---|---|---|---|
| STATION LOCATION: | | LYMANSVILLE POND | | LYMANSVILLE POND | | LYMANSVILLE POND | | WOONASQUATUCKET R. UP-STREAM R. | |
| MATRIX: | | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | |
| | | ng/kg | DL/EMPC* | ng/kg | DL/EMPC* | ng/kg | DL/EMPC* | ng/kg | DL/EMPC* |
| PCB-1 | | 1065.37 | | 1068.33 J | | 100.76 | | 31.50 J | |
| PCB-3 | | 2371.14 | | 2092.72 J | | 162.39 | | UJ | 40.19 |
| PCB-4 | | 2133.37 | | 1137.31 J | | 260.47 | | 147.90 J | |
| PCB-5 | | 261.53 | | R | | U | 13.60 | UJ | 7.16 |
| PCB-6 | | 235.21 J | | 1457.26 J | | 229.32 J | | 128.49 J | |
| PCB-7 | | 570.80 | | 240.90 J | | 58.41 | | UJ | 7.16 |
| PCB-8 | | 11111.09 | | 7315.68 J | | 861.18 | | 656.32 J | |
| PCB-9 | | 728.94 | | 372.49 J | | 79.79 | | UJ | 7.16 |
| PCB-10 | | 123.26 | | 75.60 J | | 14.05 | | UJ | 7.16 |
| PCB-12/PCB-13 | | 2276.60 J | | 1145.12 J | | 289.96 J | | 31.94 J | |
| PCB-16 | | 6126.32 | | 2703.18 J | | 1049.01 | | 424.44 J | |
| PCB-17 | | 6367.56 | | 2568.99 J | | 1018.37 | | 427.51 J | |
| PCB-18/PCB-30 | | 4572.94 J | | 2595.08 J | | 1070.74 J | | 411.52 J | |
| PCB-19 | | 1288.52 | | 570.21 J | | 222.60 | | 109.75 J | |
| PCB-20/PCB-21/PCB-28/PCB-33 | | 37972.80 J | | 13964.24 J | | 5186.04 J | | 2146.40 J | |
| PCB-22 | | 9826.37 | | 4404.17 J | | 2058.18 | | 659.20 J | |
| PCB-24/PCB-27 | | 3897.96 J | | 1709.38 J | | 261.22 J | | 258.28 J | |
| PCB-25 | | 1872.08 | | 670.53 J | | 339.68 | | 98.04 J | |
| PCB-26/PCB-29 | | 4241.12 J | | 1275.64 J | | 913.74 J | | 231.46 J | |
| PCB-31 | | 18044.23 | | 6852.89 J | | 2828.84 | | 1053.27 J | |
| PCB-32 | | 3100.83 | | 1818.62 J | | 343.09 | | 192.92 J | |
| PCB-40/PCB-41/PCB-71 | | 19761.39 J | | 20136.63 J | | 2462.01 J | | 1031.70 J | |
| PCB-42 | | 9604.62 J | | 6246.93 J | | 1312.98 J | | 466.03 J | |
| PCB-43/PCB-52/PCB-73 | | 847.86 J | | 24681.16 J | | 8209.68 J | | 6110.14 J | |
| PCB-44/PCB-47/PCB-65 | | 53915.84 J | | 18112.80 J | | 4998.60 J | | 2387.07 J | |
| PCB-45/PCB-51 | | 4445.02 J | | 2197.06 J | | 802.28 J | | 113.97 J | |
| PCB-46 | | 1739.30 J | | 1071.79 J | | 268.54 J | | 89.71 J | |
| PCB-48 | | 4955.09 | | 1978.19 J | | 891.18 | | 207.00 J | |
| PCB-49/PCB-69 | | 20134.62 J | | 9419.80 J | | 2869.86 J | | 1328.52 J | |
| PCB-50/PCB-53 | | 4113.00 J | | 2673.14 J | | 639.26 J | | 256.64 J | |
| PCB-56 | | 12986.97 J | | 9649.62 J | | 1427.42 J | | 744.92 J | |
| PCB-59/PCB-62/PCB-75 | | 2836.01 J | | 1224.61 J | | 417.36 J | | 108.30 J | |
| PCB-60 | | 3597.13 J | | 414.77 J | | 592.26 J | | 101.32 J | |
| PCB-63 | | 729.76 | | 285.97 J | | U | 136.96 | UJ | 71.63 |
| PCB-64 | | 12598.64 J | | 8662.94 J | | 1818.61 J | | 769.43 J | |
| PCB-66 | | 37842.02 J | | 24603.43 J | | 4241.85 J | | 2578.02 J | |
| PCB-67/PCB-70/PCB-74/PCB-76 | | 53782.00 J | | 27018.60 J | | 9681.60 J | | 4686.29 J | |
| 3,3',4,4'-TetraCB (#77) | 0.0001 | 3622.77 | | 1964.17 J | | 626.36 | | 153.17 J | |
| 3,4,4',5-TetraCB (#81) | 0.0001 | U | 586.78 | R | | U | 136.96 | UJ | 71.63 |
| PCB-82 | | 13638.13 J | | 8527.37 J | | 1486.44 J | | 2609.62 J | |
| PCB-83/PCB-99 | | 38598.24 J | | 17520.30 J | | 4797.36 J | | 5781.03 J | |
| PCB-84 | | 25484.87 J | | 20416.31 J | | 2366.22 J | | 5499.37 J | |
| PCB-85/PCB-116/PCB-117 | | 12873.99 J | | 7247.70 J | | 1323.69 J | | 2639.20 J | |
| PCB-86/PCB-87/PCB-97/PCB-108/PCB-119/PCB-125 | | 67079.64 J | | 40316.54 J | | 21342.36 J | | 12421.60 J | |
| PCB-89 | | U | 166.78 | R | | 33.72 J | | UJ | 71.63 |
| PCB-90/PCB-101/PCB-113 | | 70680.06 J | | 39072.60 J | | 9501.12 J | | 11820.64 J | |
| PCB-88/PCB-91 | | 11013.22 J | | 7958.48 J | | 1071.04 J | | 2379.02 J | |
| PCB-92 | | 14150.06 J | | 7868.87 J | | 1833.66 J | | 2295.68 J | |
| PCB-93/PCB-95/PCB-98/PCB-100/PCB-102 | | 65583.93 J | | 47299.80 J | | 6738.60 J | | 14325.95 J | |
| 2,3,3',4,4'-PentaCB (#105) | 0.0001 | 21788.89 | | 10563.17 J | | 3560.46 | | 4165.01 J | |
| PCB-106/PCB-124 | | 2918.33 J | | 1294.16 J | | 376.64 J | | 592.38 J | |

Data Summary Table
Polychlorinated Biphenyls Analysis - Sediment Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. Sediments B10F1
LABORATORY: BATTELLE

SDG No. 46985-01 PCB

| SAMPLE NUMBER: | Toxicity | LPX-SD-4001-0000-01N | | LPX-SD-4004-0000-01N | | LPX-SD-4101-N | | R/R-SD-5000-0000-01 | |
|---|---|---|---|---|---|---|---|---|---|
| STATION LOCATION: | Equivalency | LYMANSVILLE POND | | LYMANSVILLE POND | | LYMANSVILLE POND | | WOONASQUATUCKET R. UP-STREAM R | |
| MATRIX: | Factors (1) | SEDIMENT | | SEDIMENT | | SEDIMENT | | SEDIMENT | |
| | | ng/kg | OL/EMPC* | ng/kg | OL/EMPC* | ng/kg | OL/EMPC* | ng/kg | OL/EMPC* |
| PCB-110/PCB-115 | | 111880.02 J | | 76047.44 J | | 13580.18 J | | 25480.30 J | |
| 2,3,4,4',5-PentaCB (#114) | 0.0005 | 1134.95 J | | R | | 188.40 J | | 192.21 J | |
| 2,3',4,4',5-PentaCB (#118) | 0.0001 | 89280.19 | | 42480.10 J | | 11256.87 | | 13335.34 J | |
| PCB-106/PCB-107/2',3,4,4',5-PentaCB (#123) | 0.0001 | 7419.75 J | | 3342.24 J | | 994.88 J | | 981.05 J | |
| 3,3',4,4',5-PentaCB (#126) | 0.1 | U | 333.57 | 573.22 J | | 161.64 J | | 216.85 J | |
| PCB-128/PCB-166 | | 23359.14 J | | 10389.92 J | | 3402.44 J | | 4377.06 J | |
| PCB-129/PCB-138/PCB-160/PCB-163 | | 108332.12 J | | 43097.32 J | | 16343.08 J | | 19174.96 J | |
| PCB-130 | | 8760.06 | | 3185.16 J | | 1467.47 | | 1377.03 J | |
| PCB-131 | | 1744.49 J | | 671.15 J | | 284.56 J | | 319.81 J | |
| PCB-132 | | U | 166.78 | 23573.26 J | | 6850.91 | | 8946.30 J | |
| PCB-134/PCB-143 | | 7757.46 J | | 3621.50 J | | 1046.14 J | | 1288.98 J | |
| PCB-135/PCB-151/PCB-154 | | 26201.69 J | | 11183.01 J | | 4579.95 J | | 4327.68 J | |
| PCB-136 | | 15367.33 J | | 6822.95 J | | 2181.57 J | | 2896.60 J | |
| PCB-137/PCB-164 | | 13710.46 J | | 4897.00 J | | 2174.04 J | | 2416.98 J | |
| PCB-141 | | 13188.55 | | 3665.10 J | | 2852.95 | | 2246.39 J | |
| PCB-144 | | U | 166.78 | R | | U | 135.95 | W | 71.63 |
| PCB-146/PCB-161 | | 8308.46 J | | 1764.98 J | | 1554.10 J | | 1324.20 J | |
| PCB-147/PCB-149 | | 68787.48 J | | 29267.36 J | | 10219.68 J | | 12137.72 J | |
| PCB-153/PCB-168 | | 41478.24 J | | 10747.72 J | | 10118.32 J | | 5200.60 J | |
| 2,3,3',4,4',5- HexaCB (#156)/2,3,3',4,4',5'-HexaCB (#157) | 0.0005 | 9773.14 J | | 4042.12 J | | 1613.44 J | | 1938.46 J | |
| PCB-158 | | U | 66.71 | 3060.42 J | | 1698.21 | | 1655.12 J | |
| 2,3',4,4',5,5'-HexaCB (#167) | 0.00001 | 3690.98 J | | 1736.31 J | | 535.31 J | | 782.17 J | |
| 3,3',4,4',5,5'-HexaCB (#169) | 0.01 | U | 166.78 | R | | U | 135.95 | W | 71.63 |
| PCB-170 | | 18293.10 J | | 10836.67 J | | 2475.76 J | | 3175.31 J | |
| PCB-171/PCB-173 | | 5125.88 J | | 3288.52 J | | 771.26 J | | 983.36 J | |
| PCB-172 | | 1272.93 | | 813.03 J | | 336.86 | | 252.72 J | |
| PCB-174 | | 16213.44 J | | 14489.02 J | | 1168.31 J | | 3318.78 J | |
| PCB-175 | | 403.53 | | R | | 78.99 J | | 60.80 J | |
| PCB-176 | | 1991.10 J | | 1285.00 J | | 314.78 J | | 330.41 J | |
| PCB-177 | | 7450.66 J | | 5365.86 J | | 1320.89 J | | 1449.60 J | |
| PCB-178 | | 2160.01 J | | 1119.83 J | | 467.12 J | | 261.10 J | |
| PCB-180/PCB-193 | | 13625.62 J | | 8714.78 J | | 3746.09 J | | 2144.44 J | |
| PCB-182 | | U | 333.57 | R | | U | 271.90 | W | 143.26 |
| PCB-183 | | 4627.92 | | 2200.26 J | | 1017.78 | | 624.65 J | |
| PCB-184 | | U | 333.57 | R | | 4.10 J | | W | 143.26 |
| PCB-185 | | 611.25 | | 364.71 J | | U | 271.90 | 113.23 J | |
| PCB-187 | | 8627.39 J | | 4836.56 J | | 2434.78 J | | 1135.68 J | |
| 2,3,3',4,4',5,5'-HeptaCB (#189) | 0.0001 | 412.01 | | 199.55 J | | 98.53 J | | 72.74 J | |
| PCB-190 | | 2299.07 J | | 1219.34 J | | 432.13 J | | 351.09 J | |
| PCB-191 | | 370.73 | | 186.63 J | | 70.78 J | | 63.70 J | |
| PCB-194 | | 3772.95 J | | 1958.78 J | | 1087.09 J | | 569.64 J | |
| PCB-195 | | 1586.19 J | | 1278.61 J | | 381.99 J | | 224.35 J | |
| PCB-196 | | 2986.12 J | | 1691.03 J | | 632.84 J | | 238.22 J | |
| PCB-197 | | 64.32 J | | 60.91 J | | 17.12 J | | 11.84 J | |
| PCB-198/PCB-199 | | 16078.26 J | | 7422.50 J | | 2632.28 J | | 1163.46 J | |
| PCB-200 | | 581.61 J | | 721.81 J | | 207.41 J | | 104.86 J | |
| PCB-201 | | 1070.47 | | 449.89 J | | 161.40 J | | 72.98 J | |
| PCB-203 | | 4955.09 | | 1928.61 J | | 1020.53 | | 383.62 J | |
| PCB-205 | | 220.51 J | | 105.97 J | | 49.42 J | | 22.10 J | |
| PCB-206 | | 22909.42 | | 19160.11 J | | 3141.33 | | 1731.54 J | |
| PCB-207 | | 1700.85 | | 805.63 J | | 477.57 J | | 183.36 J | |
| PCB-209 | | 28490.80 J | | 11854.93 J | | 3157.37 J | | 1788.94 J | |
| TOTAL PCB | | 1415681.88 J | | 612949.40 J | | 236490.17 J | | 222855.98 J | |
| TOXIC EQUIVALENCY(1): | | | 17 J | | 56 J | | 19 J | | 25 J |
| PERCENT SOLIDS: | | | 30 | | 26 | | 37 | | 70 |
| DILUTION FACTOR: | | | 1 | | 1 | | 1 | | 1 |
| DATE SAMPLED: | | | 07/12/01 | | 07/12/01 | | 07/16/01 | | 07/12/01 |
| DATE OF RECEIPT: | | | 07/14/01 | | 07/14/01 | | 07/21/01 | | 07/14/01 |
| SAMPLE EXTRACTION DATE: | | | 07/23/01 | | 07/23/01 | | 07/24/01 | | 07/23/01 |
| ANALYSIS DATE: | | | 07/31/01 | | 07/31/01 | | 08/03/01 | | 08/01/01 |
| LABORATORY SAMPLE I.D.: | | | 46985-01-09 | | 46985-01-11 | | 46985-09-20 | | 46985-01-03 |

* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a "*". The DL values are unmarked.
The EMPC values are not qualified with a "J", since they are already estimated.
(1) The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106, Number (12), December 1998, Table 1, page 778.
# Concentration are reported on a dry weight basis.

**Section 1 Quality Assurance Review** PCB Arochlor / Pest.

A. Organic Data

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

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

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

Noncorrectable Deficiencies

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

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

(1) Not relevant to sediment data packages.

BL 3-1-02

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

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

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

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



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

Organic Data Qualifiers

- Due to the trace-level presence of the following compounds in the associated method blanks, the reported positive results for the following compounds in the samples listed below should be considered "not-detected" and have been flagged "U" on the data tables. Furthermore, results that were reported below the sample-specific quantitation limit were replaced with the quantitation limit and the appropriate "U" qualifier. It should be noted that sample weights were taken into consideration when evaluating blank contamination. ①

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

B. Conclusions

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

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**Section 1 Quality Assurance Review** PCB Aroclor / Pest PAH

A. Organic Data

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

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

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

Noncorrectable Deficiencies

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

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

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

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

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

Comments

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

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

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

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

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

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

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

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

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

<u>Organic Data Qualifiers</u>

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

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

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

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- The reported positive results for 2-methylnaphthalene; acenaphthene; acenaphthylene; dibenz[a,h]anthracene; fluorene, and naphthelene in SDG 01-499 sample RWR-FP-5002-0000-01 should be considered estimated and have been flagged "J" on the data tables. High relative percent differences (RPDs >30%) were observed for these compounds in the associated MS/MSD analyses. ①

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

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

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

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

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

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

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

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

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

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

~~B. Inorganic Data~~ ①

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

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

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



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

inorganic data qualifiers associated with the samples that underwent limited data validation are presented in the subsequent Inorganic Data Qualifiers Section. These qualifiers should not be applied to any inorganic results that did not undergo data validation. Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues that follow should not necessarily be construed as an indication of laboratory performance. ①

Correctable Deficiency

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

Noncorrectable Deficiency

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

Comments

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

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

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

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

(1)

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

Inorganic Data Qualifiers

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

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

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

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



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

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

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

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

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

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

C. Conclusions

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

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## Section 1 Quality Assurance Review

PAH

### A. Organic Data

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

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

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

#### Correctable Deficiencies

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

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

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

Noncorrectable Deficiencies

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

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

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

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

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



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

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

Comments

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

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

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

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

Organic Data Qualifiers

- Due to the trace-level presence of PAH compounds in the associated laboratory and/or field blanks, the reported positive results for PAH compounds in SDG 01-350 samples RAB-SW-5004, WRC-SW-4003-01, WRC-SW-4004-01, WRC-SW-4001-01, WRC-SW-4002-02, RWR-SW-5001, RWR-SW-5002, WRL-SW-4004, WRL-DU-071701-A, and WRL-SW-4005, with the exception of the results for acenaphthylene in samples WRL-SW-4004, WRL-DU-071701-A, and WRL-SW-4005, should be considered "not-detected" and have been flagged "U" on the data tables. In addition, reported results below the sample-specific quantitation limits have been replaced with the quantitation limit and the appropriate "U" qualifier. It should be noted that sample volumes and dilution factors were taken into consideration when evaluating blank contamination. ①

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

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

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

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

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

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



① Not relevant to sediment data packages.

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

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

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

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

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



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

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

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

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

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

B. Wet Chemistry Data ①

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

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

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



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

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

Comment

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

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

Wet Chemistry Data Qualifiers

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

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

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



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

C. Conclusions

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

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## Section 1 Quality Assurance Review

Metals
AVS/SEM

A. Inorganic and Wet Chemistry Data

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

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

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

Correctable Deficiency

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

Corrected in EDD. DDahlen
4/23/02

Noncorrectable Deficiencies

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

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

Comments

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

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

With respect to data usability, the principal areas of concern are blank contamination, exceeded holding times, laboratory and field duplicate imprecision, low and high MS/MSD recoveries, MS/MSD imprecision, low standard reference material recoveries, low and high blank spike recoveries, calibration issues, and results reported below project-specific detection limits. Based on a review of the data provided, the following inorganic and wet chemistry data qualifiers are offered. The following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Inorganic and Wet Chemistry Data Qualifiers

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

| Analyte | Sample(s) With Results Qualified as "Not-Detected" ("U") |
|---|---|
| arsenic | LPX-SD-4001-000-01 |
| chromium | LPX-FP-4007-0000-01 |
| antimony | RAB-SD-5008-0000-01, APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4013-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, WRL-SD-4005-0000-01, WRL-SD-071201-A, LPX-SD-4004-0000-01, LPX-SD-4002-0000-01, LPX-SD-071601-A, and LPX-FP-4004-0000-01 |
| silver | RWR-SD-5003-0000-01 and RAB-SD-5004-0000-01 |
| selenium | RAB-SD-5008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4013-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, WRL-SD-4005-0000-01, WRL-SD-071201-A, LPX-SD-4002-0000-01, LPX-SD-071601-A, CMS-FP-4003-0000-01, LPX-FP-4007-0000-01, LPX-FP-4006-0000-01, RWR-FP-5002-0000-01, CMS-FP-4001-0000-01, CMS-FP-4002-0000-01, CMS-FP-4005-0000-01, and CMS-DU-072001 |
| SEM zinc | RAB-SD-5008-0000-01, APB-SD-4010-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4003-0000-01, WRL-SD-4005-0000-01, WRL-SD-071201-A, and LPX-SD-4002-0000-01 |

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. These samples were digested and analyzed 1–3 days beyond the QAPP Worksheet 12b holding time of 28 days from collection to digestion.

Note that samples were freeze-dried prior to 28-d holding time.
DDDahlen 4/23/02

| Analyte | Samples With Estimated Positive Results ("J") |
|---|---|
| methylmercury | RWR-FP-5002-0000-01, RWR-FP-5004-0000-01, CMS-FP-4001-0000-01, CMS-FP-4002-0000-01, RWR-FP-5001-0000-01, and RWR-FP-5003-0000-01 |
| mercury | GMP-SD-5007-0000-01, RAB-SD-5008-0000-01, APB-SD-4008-0000-01, APB-SD-4009-0000-01, APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4012-0000-01, and LPX-SD-4013-0000-01 |

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. High RPDs (>35%) were observed for these analytes in associated laboratory duplicate analyses.

| Analyte | Samples With Estimated Positive Results ("J") |
|---|---|
| arsenic | All sediment samples except LPX-SD-4013-0000-01 |
| SEM cadmium | All sediment samples |
| antimony | All soil samples |

- The reported positive results for antimony in all samples, except samples RB-071001 (1678*175), RB-071001(1678*176), and RB-071801-A, should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. Low recoveries (<75%) were observed for these analytes in the associated MS/MSD analyses.

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High recoveries (>125%) were observed for these analytes in the associated MS/MSD analyses.

| Analytes | Samples With Estimated Positive Results ("J") |
|---|---|
| lead, manganese, and barium | All sediment samples |
| chromium | All sediment samples except RAB-SD-5008-0000-01 |

- The detection limits for the following analytes in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. Low recoveries (<75%) were observed for these analytes in the associated standard reference material analyses.

(1) See discussion of SRM exceedences in QA/QC narrative. DTD ahlen 4/23/02



| (1) Analytes | Samples With Qualified Detection Limits ("UJ") and/or Estimated Positive Results ("J") |
|---|---|
| (1) aluminum and antimony | All samples |
| (1) chromium, selenium, and (1) thallium | All sediment samples, RB-071001-(1678*175), and RB-071001(1678*176) |
| molybdenum | All soil samples and RB-071801-A |
| methylmercury | All samples except RWR-SD-5004-0000-01 |

- The reported positive results for the following analytes in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High RPDs (>35%) were observed for these analytes in associated MS/MSD analyses.

| Analytes | Sample(s) With Estimated Positive Results ("J") |
|---|---|
| manganese and zinc | All sediment samples |
| lead | All sediment samples except RAB-SD-5008-0000-01 |

- The reported positive results for acid volatile solids in all sediment samples, except sample RWR-SD-5004-0000-01, should be considered estimated and have been flagged "J" on the data tables. High recoveries (>125%) were observed for acid volatile solids in the associated blank spike analyses.

- The reported positive results for acid volatile solids in all sediment samples, except sample RWR-SD-5004-0000-01, should be considered estimated and have been flagged "J" on the data tables. A low recovery (<75%) was observed for acid volatile solids in the associated blank spike analysis.

- The reported positive results for SEM nickel, SEM copper, SEM zinc, and SEM lead in the samples listed below should be considered estimated and have been flagged "J" (unless flagged "U") on the data tables. These samples were not bracketed by continuing calibration verification standards in the analytical sequence.

Samples With Estimated Positive Results ("J")

APB-SD-4010-0000-01, LPX-SD-4011-0000-01, LPX-SD-4012-0000-01, LPX-SD-4013-0000-01, GMP-SD-5002-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4006-0000-01, CMS-SD-4003-0000-01, CMS-SD-4007-0000-01, LPX-SD-4004-0000-01, WRL-SD-4005-0000-01,WRL-SD-071201-A, LPX-SD-4001-0000-01, LPX-SD-4002-0000-01, and LPX-SD-071601-A

- Three field duplicate pairs (sample WRL-SD-4005-0000-01 and its field duplicate, sample WRL-SD-071201-A; sample LPX-SD-4013-0000-01 and its field duplicate, sample LPX-SD-071601-A; and sample CMS-FP-4001-0000-01 and its field duplicate, sample CMS-DU-072001) were submitted to the laboratory with this data set.

Acceptable precision and sample representativeness were demonstrated by the reported positive results in these field QC samples except the reported positive results for the analytes in the samples listed below; these positive results should be considered estimated and have been flagged "J" on the data tables. High RPDs (>40%) were observed for these analytes in the associated field duplicate analyses.

| Analytes | Samples With Estimated Positive Results ("J") |
|---|---|
| chromium and SEM cadmium | LPX-SD-4013-0000-01 and LPX-SD-071601-A |
| cobalt and zinc | CMS-FP-4001-0000-01 and CMS-DU-072001 |

- Based on standard project reporting requirements, all observed positive results reported with concentrations below the laboratory's project-specific reporting limits have been flagged "J" (unless flagged "U") on the data tables.

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

B. Conclusions

Overall, the data quality is satisfactory. Based on this QA review, several inorganic results were qualified due to blank contamination, exceeded holding times, laboratory and field duplicate imprecision, low and high MS/MSD recoveries, MS/MSD imprecision, low standard reference material recoveries, low and high blank spike recoveries, calibration issues, and results reported below project-specific detection limits. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives and Chain-of-Custody Records are presented in Sections 4 and 5, respectively.

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**Section 1 Quality Assurance Review** SVOC SDGs 200959 200964

A. Organic Data

The organic analyses of 19 soil samples (including QC samples, two dilutions, and a reanalysis), one sediment sample, and 17 aqueous samples (including QC samples) were performed by Severn Trent Laboratories (STL) of Baltimore, Maryland. The samples were collectively analyzed for volatile organic compounds by SW-846 Method 8260B and for semivolatile organic compounds (phenols and phthalates) by SW-846 Method 8270C. These analyses are specified on Table 1. The laboratory organized the samples into five sample delivery groups (SDGs 200954, 200959, 200964, 200967, and 200972).

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

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

Noncorrectable Deficiencies

1. High percent differences (>20%) were observed for the semivolatile compounds in the initial and/or continuing calibration verifications (ICV/CCVs) listed below. According to the QAPP (Worksheet #21), the laboratory should reanalyze the Check Standard Solution if any percent difference is greater than 20%. The laboratory did not reanalyze the below-listed Check Standard Solutions; the impact on data usability (if any) due to high percent difference is addressed in the subsequent Organic Data Qualifiers section.

| Compound(s) | SDG | Initial or Continuing Calibration Verification(s) With High Percent Difference(s) (>20%) |
|---|---|---|
| 2,4-dinitrophenol | 200954 | CCV on 7/30/01 at 1140 on instrument SD4 |
| | 200959 and 200964 | ICV on 8/9/01 at 2322 on instrument SC3 and ICV on 7/18/01 at 2259 on instrument SA1 |
| | 200967 | CCV on 8/15/01 at 1957 on instrument SB2 |
| 2,4-dinitrophenol and 4-nitrophenol | 200959 | ICV on 7/30/01 at 1645 on instrument SA1 |
| 4-nitrophenol | 200959 and 200964 | CCV on 7/26/01 at 2017 on instrument SA1 |

2. According to the Sample Split and Transfer Log and the Job Sample Receipt Checklist Report, SDG 200972 sample RB-0718-01-A was received on 7/24/01 with a cooler temperature greater than 6°C. According to the QAPP (Worksheet #22a), the cooler temperature should be less than 6°C. The laboratory did not note the elevated temperature in the Case Narrative and did not report the measured temperature of the cooler. The data reviewer could not determine if the cooler temperature was significantly high (*i.e.*, >10°C); therefore, data were not qualified due to this deficiency.

Comments

1. According to the Job Sample Receipt Checklist Report, two sample containers for SDG 200959 sample RAB-SW-5004-01 were received broken. The data reviewer assumed the laboratory used sample from undamaged containers for the analyses. Data were not qualified due to this issue.

2. According to the Job Sample Receipt Checklist Report, one sample container for SDG 200959 sample WRL-SW-4004-01 contained headspace. The data reviewer assumed the laboratory used sample from containers without headspace for the analyses. Data were not qualified due to this issue.

3. The results for phenol in SDG 200964 samples W5428 (1CCSV851) and W5429 (1CCSV852) were reported from a two-fold dilution due to high levels of phenol in the undiluted analysis.

4. Percent solids data were not provided for SDG 200964 samples W5428 and W5429; results were reported on a wet-weight basis. These are PE samples received from EPA + USACE. DTDahlen 4/23/02



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5. In SDG 200967, sample CMS-DUP-072001 was reanalyzed due to low internal standard area counts; the reanalysis yielded similar results. (1)

6. In SDG 200972, the laboratory did not include a Method Blank Summary Form (Form IV) or Internal Standard Response Summary form (Form VIII) in the data package provided to Environmental Standards. Upon Environmental Standards' request, the laboratory stated that the forms "cannot be regenerated at this point" (see Project Correspondence [Section 6]). The data reviewer used the associated raw data to evaluate the method blank associations and internal standard responses.

7. In SDG 200954, the laboratory did not include the result for sample TRIP BLANK in the EDD provided to Environmental Standards. Upon Environmental Standards' request, the laboratory provided these data.

8. The laboratory did not report internal standard retention times (RTs) on the Internal Standard Response Summary forms (Form VIIIs) for any of the project sample or QC sample analyses. SW-846 Methods 8260B and 8270C (Sections 7.4.6) stipulate that the RTs of the internal standards in the CCV must be within 30 seconds of those from the mid-level standard in the most recent initial calibration. The data reviewer was not able to evaluate the internal standard RTs for method compliance.

9. According to the Analytical Narratives and Job Sample Receipt Checklist Reports, all samples in SDGs 200959, 200964, and 200972 were received at the laboratory without custody seals present on the sample bottles or on the shipping containers. The data reviewer assumed that the shipping containers were sealed prior to shipment and that the integrity of the samples was not compromised during transport. Qualification of data was not warranted due to this issue.

10. The percent relative standard deviation (%RSD) of the relative response factors (RRFs) exceeded 15% for bromomethane; chloroethane; bromoform; 1,1,2,2-tetrachloroethane; 1,2,3-trichloropropane; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,2-dichlorobenzene; 1,2-dibromo-3-chloropropane; 1,2,4-trichlorobenzene; hexachlorobutadiene; naphthalene; and 1,2,3-trichlorobenzene in the volatile organic initial calibration performed on 7/18/01 on instrument VE5 and associated with samples in SDGs 200954, 900959, and 200964. SW-846 Method 8260B (Sections 7.3.8.2 and 7.3.8.3) requires the laboratory to re-calibrate the instrument if the %RSD for any compound exceeds 15%, unless the overall mean %RSD for all compounds in the initial calibration is less than 15%. The laboratory should also generate a linear or non-linear calibration curve for the individual compounds that exceeded the %RSD criterion in the initial calibration. The data packages for SDGs 200954, 200959, and 200964 did not contain information to suggest that the laboratory had generated linear or non-linear calibration curves for these compounds. The qualification of project samples associated with the noncompliant %RSDs is addressed in the Organic Data Qualifiers section.



(1) Not relevant to sediment data packages.
BL 2-27-02

11. The %RSD of the RRFs exceeded 15% for phenol; 2,4-dinitrophenol; carbazole; di-*n*-butyl phthalate; butylbenzylphthalate; bis(2-ethylhexyl)phthalate; di-*n*-octyl phthalate; and/or pentachlorophenol in various semivolatile organic initial calibrations associated with samples in all SDGs. SW-846 Method 8270C (Section 7.3.7.1) requires the laboratory to re-calibrate the instrument if the %RSD for any compound exceeds 15%, unless the overall mean %RSD for all compounds in the initial calibration is less than 15%. The laboratory should also generate a linear or non-linear calibration curve for the individual compounds that exceeded the %RSD criteria in the initial calibration. The data packages did not contain information to suggest that the laboratory had generated linear or non-linear calibration curves for these compounds. The qualification of project samples associated with the noncompliant %RSDs is addressed in the Organic Data Qualifiers section.

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

<u>Organic Data Qualifiers</u>

- Due to the trace-level presence of bis(2-ethylhexyl)phthalate in the associated method blank, the reported positive results for bis(2-ethylhexyl)phthalate in SDG 200964 samples W5428 (1CCSV851) and W5429 (1CCSV852) should be considered "not-detected" and have been flagged "U" on the data tables. It should be noted that sample weights were taken into consideration when evaluating blank contamination.

- The analysis for 2,4-dinitrophenol in SDG 200967 sample RWR-FP-5002-0000-01 ~~should~~ ① be considered unusable, and the "not-detected" ~~result has~~ been flagged "R" on the data tables. A very ~~low recovery (<10%)~~ was observed for 2,4-dinitrophenol in the associated ~~MSD~~ analysis.

- The analyses for 2,4-dinitrophenol in the samples listed below should be considered unusable, and the "not-detected" results have been flagged "R" on the data tables. Very low recoveries (<10%) were observed for this compound in the associated LCS analyses.

① Not relevant to sediment data package. 2-27-02

| Compound | SDG | Sample(s) With Unusable Analyses ("R") |
|---|---|---|
| 2,4-dinitrophenol | 200959 | RWR-SW-5001-01, RWR-SW-5002-01, RAB-SW-5004-01, WRL-SW-4004-01, WRL-DU-071701-A(DUP), and WRL-SW-4005-01 |
| | 200964 | W5427 (0026491) |

- The quantitation limits for the volatile compounds bromomethane; chloroethane; 1,2-dibromo-3-chloropropane; 1,1,2,2-tetrachloroethene; bromoform; 1,2,3-trichloropropane; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,2-dichlorobenzene; 1,2,4-trichlorobenzene; naphthalene; hexachlorobutadiene; and 1,2,3-trichlorobenzene in all SDG 200954 and SDG 200959 samples and in SDG 200964 sample W5431 (PX326) may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples cited above should be considered estimated and have been flagged "J" on the data tables. High %RSDs (>15%) were observed among the RRFs for the aforementioned compounds in the associated initial multipoint calibration standards.

- The quantitation limits for the semivolatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on these data tables. In addition, any reported positive results for these semivolatile compounds in the samples listed below should be considered estimated and have been flagged "J" (unless previously flagged "U") on the data tables. High %RSDs (>15%) were observed among the RRFs for these compounds in the associated initial multipoint calibration standards.

| Compound(s) | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| 2,4-dinitrophenol | 200954 | All Samples |
| | 200959 | All Samples |
| | 200964 | All Samples |
| | 200972 | All Samples |
| pentachlorophenol | 200959 | WRL-SW-4004-01 |

| Compound(s) | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| carbazole and di-*n*-butylphthalate | 200967 | All Samples |
| phenol, carbazole, di-*n*-butylphthalate, butylbenzylphthalate, bis(2-ethylhexyl)phthalate, and di-*n*-octylphthalate | 200959<br>200964 | LPX-SD-071601-A(DUP)<br>W5478 (1CCSV851) and W5429 (1CCSV852) |

- The quantitation limits for the following volatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these volatile compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High percent differences (>20%), coupled with decreases in instrument sensitivity, were observed for these compounds in the associated continuing calibration standards.

| Compound(s) | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| tetrachloroethene | 200954 | All samples |
| | 200959 | All samples |
| | 200964 | W5431 |
| bromomethane | 200954 | All samples |
| | 200964 | W5431 (PX326) |
| | 200959 | All samples |
| methylene chloride and hexachlorobutadiene | 200959 | All samples |
| naphthalene | 200964 | W5431 (PX326) |

- The quantitation limits for the semivolatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High percent differences (>20%), coupled with decreases in instrument sensitivity, were observed for these compounds in the associated initial and/or continuing calibration standards.

| Compound(s) | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| 2,4-dinitrophenol | 200954 | All samples |
| | 200959 | LPX-SD-071601-A(DUP) |
| | 200964 | All samples |
| | 200967 | CMS-FP-4003-0000-01, LPX-FP-4007-0000-01, LPX-FP-4006-0000-01, RWR-FP-5002-0000-01, LPX-FP-4004-0000-01, RWR-FP-5004-0000-01, and CMS-FP-4001-0000-01 |
| 4-nitrophenol | 200959 | RWR-SW-5001-01, RWR-SW-5002-01, RAB-SW-5004-01, WRL-DU-071701-A(DUP), and WRL-SW-4005-01 |
| | 200964 | W5427 (0026491) |
| 2,4-dinitrophenol and 4-nitrophenol | 200959 | WRL-SW-4004-01 |

- The quantitation limits for the volatile compounds SDG 200959 sample RAB-SW-5004-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (< acceptance limits) were observed for these compounds in the associated MS/MSD analyses.

Compounds

benzene; 1,2-dichloroethane; 1,2-dichloropropane; dibromomethane; bromodichloromethane; *cis*-1,3-dichloropropene; toluene; *trans*-1,3-dichloropropene; 1,1,2-trichloroethane; tetrachloroethene; 1,3-dichloropropane; dibromochloromethane; 1,2-dibromomethane; chlorobenzene; 1,1,1,2-tetrachloroethane; *m&p*-xylenes; *o*-xylene; styrene; bromoform; bromobenzene; 1,1,2,2-tetrachloroethane; 1,2,3-trichloropropane; 1,3,5-trimethylbenzene; 1,2,4-trimethylbenzene; *sec*-butylbenzene; 1,3-dichlorobenzene; *p*-isopropyltoluene; 1,4-dichlorobenzene; *n*-butylbenzene; 1,2-dichlorobenzene; 1,2-dibromo-3-chloropropane; 1,2,4-trichlorobenzene; hexachlorobutadiene; naphthalene; and 1,2,3-trichlorobenzene

- The quantitation limits for the volatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. Low

recoveries (< acceptance limit) were observed for these compounds in the associated LCS analyses.

| Compounds | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| tetrachloroethene and 1,2,3-trichloropropane | 200954 | WRC-SW-4002-01, WRC-SW-4003-01, WRC-SW-4004-01, WRC-SW-4001-01, and TRIP BLANK |
| bromodichloromethane and 1,2-dichlorobenzene | 200954 | WRC-SW-4003-01, WRC-SW-4004-01, and WRC-SW-4001-01 |
| bromomethane; 1,2-dichloroethane; bromodichloromethane; tetrachloroethene; 1,3-dichloropropane; dibromochloromethane; 1,1,1,2-tetrachloroethane; *m&p*-xylenes; styrene; bromobenzene; 1,2,3-trichloropropane; 1,2,4-trimethylbenzene; *sec*-butylbenzene; 1,3-dichlorobenzene; 1,2-dichlorobenzene; and hexachlorobutadiene | 200959 | All samples |
| bromodichloromethane; tetrachloroethene; bromobenzene; 1,2,3-trichloropropane; 1,2-dichlorobenzene; and hexachlorobutadiene | 200964 | W5431 (PX326) |

- The quantitation limits for the semivolatile compounds in the samples listed below may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for these compounds in the samples listed below should be considered estimated and have been flagged "J" on the data tables. Low recoveries (< acceptance limits) were observed for these compounds in the associated LCS or LCSD analysis.

| Compounds | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| 2-nitrophenol and pentachlorophenol | 200959 | RWR-SW-5001-01, RWR-SW-5002-01, RAB-SW-5004-01, WRL-SW-4004-01, WRL-DU-071701-A(DUP), and WRL-SW-4005-01 |
| | 200964 | W5427 (0026491) |
| 2,4,5-trichlorophenol; 2-nitrophenol; pentachlorophenol; and butyl benzyl phthalate | 200972 | RB-0718-01-A |

- The quantitation limits for the semivolatile acid compounds in SDG 200967 sample CMS-FP-4003-0000-01 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (< acceptance limits) were observed for three semivolatile acid surrogate compounds in this sample analysis.

- The quantitation limits for all semivolatile compounds quantitated with the internal standards in the samples listed below may be biased low, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, any reported positive results for compounds quantitated with these internal standards should be considered estimated and have been flagged "J" on the data tables. Low area counts (<50% of the area of the internal standard in the associated continuing calibration standard) were obtained for the associated internal standards in the semivolatile analyses of these samples.

| Internal Standard(s) | SDG | Sample(s) With Qualified Quantitation Limits ("UJ") or Estimated Positive Results ("J") |
|---|---|---|
| chrysene-$d_{12}$ and perylene-$d_{12}$ | 200967 | CMS-FP-4002-0000-01, RWR-FP-5001-0000-01, RWR-FP-5003-0000-01, and CMS-FP-4005-0000-01 |
| phenanthrene-$d_{10}$, chrysene-$d_{12}$, and perylene-$d_{12}$ | 200967 | CMS-DUP-072001 and CMS-DUP-072001RE |
| perylene-$d_{12}$ | 200967 | RWR-FP-5004-0000-01 |

- Two field duplicate pairs [SDG 200959 sample WRL-SW-4004-01 and its field duplicate, sample WRL-DU-071701-A (DUP), and SDG 200967 sample CMS-FP-4001-0000-01 and its field duplicate, sample CMS-DUP-072001] were submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by all reported positive results in these field QC samples.

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

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

B. Conclusions

Overall, the data quality is good. Based on this QA review, a few semivolatile positive results were qualified as "not-detected" due to blank contamination and a few semivolatile results were qualified as unusable due to very low MS/MSD and LCS recoveries. In addition, several volatile and semivolatile results were qualified as estimated due to calibration issues, low MS/MSD and LCS recoveries, low surrogate recoveries, low internal standard area counts, and quantitation of results below the project-required reporting limit. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives, Chain-of-Custody Records, and Project Correspondence are presented in Sections 4, 5, and 6, respectively.

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**Section 1 Quality Assurance Review**

SVOC SDG 200929
Grain Size
TOC

A. Organic Data

The organic analyses of 11 sediment samples (including QC samples) and one aqueous blank sample were performed by Severn Trent Laboratories (STL) of St. Louis, Missouri. The samples were analyzed for semivolatile organic compounds (phenols and phthalates) by SW-846 Method 8270C. These analyses are specified on Table 1. The laboratory organized the samples into the two sample delivery groups (SDGs 200929 and 200940).

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

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

Noncorrectable Deficiencies

1. In SDG 200929, high percent differences (%Ds >20%) were observed for 2,4-dinitrophenol and 4-nitrophenol in the initial calibration verification (ICV) standard analyzed on 7/30/01 at 1645 on instrument SA1. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any %D is greater than 20%; the laboratory did not perform corrective measures. Data were not qualified due to this deficiency because project samples were not analyzed in association with this ICV.

2. In SDG 200929, a high %D (>20%) was observed for 4-nitrophenol in the continuing calibration verification (CCV) performed on 7/31/01 at 1421 on instrument SA1. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any %D is greater than 20%; the laboratory did not perform corrective measures. The impact on data usability due to the high %D is addressed in the subsequent Organic Data Qualifiers section.

3. In SDG 200929, high %Ds (>20%) were observed for 2,4-dinitrophenol and 4-nitrophenol in the CCV performed on 8/2/01 at 0233 on instrument SA1. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any %D is greater than 20%; the laboratory did not perform corrective measures. Data were not qualified due to this deficiency because only the result for bis(2-ethylhexyl)phthalate in sample APB-SD-4010-0000-01 was associated with this CCV.

4. In SDG 200940, a high %D (>20%) was observed for 2,4-dinitrophenol in the ICV performed on 7/18/01 at 2308 on instrument SC3. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any percent difference is greater than 20%; the laboratory did not perform corrective measures. Data were not qualified due to this deficiency because project samples were not analyzed in association with this ICV. ①

5. In SDG 200940, high %Ds (>20%) were observed for 2,4-dinitrophenol and 4-nitrophenol in the CCV performed on 7/23/01 at 1024 on instrument SC3. According to the QAPP (Worksheet #21), the laboratory is required to perform corrective measures, such as recalibrating the instrument, if any percent difference is greater than 20%; the laboratory did not perform corrective measures. The impact on data usability due to the high %Ds is addressed in the subsequent Organic Data Qualifiers section.

6. For the SDG 200940 preparation batch 3472, several surrogate compounds in the LCS/LCSD and the preparation blank analyses were recovered below the QC limits specified in the QAPP (Worksheet #24b). According to the QAPP (Worksheet #24a), the laboratory must reanalyze, reprepare, or qualify the data when surrogates are outside of QC limits. The laboratory should have re-prepped the QC samples and any associated samples based on the low surrogate recoveries. The data for sample RB-071001 exhibited one low surrogate recovery and, therefore, qualification of data was not warranted; it is possible that the low surrogate recovery in this sample was a systematic extraction problem or spike addition problem.

① Not relevant to sediment data packages. BL 2-27-02

Comments

1. According to the Chain-of-Custody Record and Job Sample Receipt Checklist Report (Checklist Report), the sample containers for SDG 200929 samples RAB-SD-5008-0000-01 and GMP-SD-5007-0000-01 were received broken. In addition, sample GMP-SD-5007-0000-01 was received without a label and with an incorrect time of collection indicated on the bottle. The laboratory indicated on the Checklist Report that a Non-Conformance Recovery (NCR) was issued; however, the NCR was not provided in the package received for review. It was, therefore, assumed that the laboratory used sample from the damaged containers for analysis. The COC indicated that sample GWP-SD-5007-0000-01 was transferred to another sample jar. It was not apparent if multiple sample containers were provided for these samples or if the integrity of the samples was compromised as a result of the broken sample jars. Data were not qualified due to this issue.

2. According to the Analytical Narrative and the Checklist Report, SDG 200940 sample RB-071001 was received at the laboratory without custody seals present on two sample bottles or on the shipping container. It was assumed by the Environmental Standards data reviewer that the shipping container was sealed prior to delivery and the integrity of the sample was not comprised during transport. Qualification of data was not warranted due to this issue. ①

3. The laboratory did not perform MS/MSD analyses in association with SDG 200940 sample RB-071001 due to insufficient sample volume. The laboratory did perform an LCS/LCSD analyses associated with this sample. There was no impact on data usability due to the absence of an MS/MSD associated with this sample because sample RB-071001 is an equipment rinsate blank sample.

4. The laboratory did not report internal standard retention times (RTs) or upper and lower limits for internal standard areas on the Internal Standard Response Summary forms (Form VIIIs) for any of the project sample or QC sample analyses. The Environmental Standards data reviewer was not able to evaluate the internal standard RTs for method compliance. The Environmental Standards data reviewer was able to evaluate the internal standard areas by calculating the upper and lower limits. SW-846 Method 8270C (Section 7.4.6) states that the RTs of the internal standards in the CCV must be within 30 seconds of those from the mid-level standard in the most recent initial calibration. Qualification of data was not warranted due to this issue.

5. The result for bis(2-ethylhexyl)phthalate in SDG 200929 sample APB-SD-4010-0000-01 was reported from a three-fold dilution due to a high level of this compound in the original analysis.

① Not relevant to sediment data packages. BL 2-27-02

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6. The percent relative standard deviation (%RSD) for relative response factors (RRFs) for 2,4-dinitrophenol, pentachlorophenol, phenol, carbazole, and/or di-n-butylphthalate in various initial calibrations associated with samples in SDGs 200929 and 900940 exceeded 15%. SW-846 Method 8270C (Section 7.3.7.1) requires the laboratory to re-calibrate the instrument if the %RSD for any compound exceeds 15% unless the overall mean %RSD for all compounds in the initial calibration is less than 15%. The laboratory should also generate a linear or non-linear calibration curve for the individual compounds that exceeded the %RSD criteria in the initial calibration. The data packages for SDGs 200929 and 900940 did not contain information to suggest that the laboratory generated linear or non-linear calibration curves for 2,4-dinitrophenol, pentachlorophenol, phenol, carbazole, and di-n-butylphthalate. The qualification of project samples associated with the noncompliant %RSDs is addressed in the Organic Data Qualifiers section.

7. The MS/MSD concentrations, spike amounts, and background concentrations presented on the Quality Control Results form for SDG 200929 were not corrected for dry weight, sample extract weight, or extraction field volume; consequently, the Environmental Standards data reviewer could not recalculate several of the percent recoveries (those with positive results reported in the background QC sample) for the MS/MSD samples based solely on the information provided on the summary form. The Environmental Standards data reviewer was able to recalculate the MS/MSD recoveries presented on the Quality Control Results form using information provided on the Sample Preparation Batch Worksheet and the percent moisture summary forms. Qualification of data was not warranted due to this issue.

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

Organic Data Qualifiers

- The analysis for 2,4-dinitrophenol in SDG 200929 sample LPX-SD-4013-DUP should be considered unusable, and the "not-detected" result has been flagged "R" on the data tables. Very low recoveries (<10%) were observed for 2,4-dinitrophenol in the associated MS/MSD analyses.

- The analyses for semivolatile compounds in SDG 200929 samples GMP-SD-5007-0000-01, RAB-SD-5008-0000-01, APB-SD-4008-0000-01, LPX-SD-4011-0000-01, and LPX-SD-4012-0000-01 should be considered unusable, and the "not-detected" results have been flagged "R" on the data tables. In addition, any reported positive results for semivolatile compounds in these samples should be considered estimated and have been flagged "J" on the data tables. Very low percent solids results (<30%) were obtained for these sediment samples.

Note that the lab did use 2x the normal sample size for extraction and analysis. DTDahlen 4/23/02

- The detection limits for 2,4-dinitrophenol and pentachlorophenol in all SDG 200929 samples and for phenol; 2,4-dinitrophenol; carbazole; and di-n-butylphalate in the SDG 200940 sample RB-071001 may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. A high %RSD (>15%) was observed among the RRFs for these compounds in the associated initial multipoint calibration standards.

- The detection limits for 4-nitrophenol in all SDG 200929 samples may be higher than reported, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. A high %D (>20%), coupled with a decrease in instrument sensitivity, was observed between the average RRFs of the initial calibration and the RRFs in the associated continuing calibration.

- The detection limits for 2,4-dinitrophenol and 4-nitrophenol in SDG 200940 ~~sample~~ RB-071001 may be higher than reported, and the "not-detected" results ~~have~~ been flagged "UJ" on the data tables. High %Ds (>20%), coupled ~~with~~ a decrease in instrument sensitivity, were observed between the average ~~RRFs~~ of the initial calibration and the RRFs in the associated continuing calibration. (1)

- The detection ~~limit~~ for carbazole in SDG 200940 sample RB-071001 may be higher than reported, and the "not-detected" result has been flagged "UJ" on the data tables. A low recovery (<66%) was observed for carbazole in the associated LCS analysis.

- The detection limits for all semivolatile compounds quantitated with the following internal standards in the samples listed on the table below may be biased low, and the "not-detected" results have been flagged "UJ" (unless previously flagged "R") on the data tables. In addition, any reported positive results for compounds quantitated with these internal

(1) Not relevant to sediment data packages. BL 2-27-02

standards should be considered estimated and have been flagged "J" on the data tables. Low area counts (<50% of the area of the internal standard in the associated continuing calibration standard) were observed for the associated internal standards in the semivolatile analyses of the following samples.

| Internal Standard(s) | SDG | Samples With Biased Quantitation Limits ("UJ") and Estimated Positive Results ("J") |
|---|---|---|
| perylene-$d_{12}$ | 200929 | APB-SD-4008-0000-01 and APB-SD-4009-0000-01 |
| phenanthrene-$d_{10}$, chrysene-$d_{12}$, and perylene-$d_{12}$ | 200929 | APB-SD-4010-0000-01, LPX-SD-4012-0000-01, and LPX-SD-4013-DUP |
| chrysene-$d_{12}$ and perylene-$d_{12}$ | 200929 | APB-SD-4010-0000-01 (3× Dilution), LPX-SD-4011-0000-01, and LPX-SD-4013-0000-01 |

- The reported positive results for carbazole, butyl benzyl phthalate, and bis(2-ethylhexyl)phthalate in SDG 200929 sample LPX-SD-4013-DUP should be considered estimated and have been flagged "J" on the data tables. High recoveries were observed for these compounds in the associated MS/MSD analyses.

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

- One field duplicate pair (SDG 200929 sample LPX-SD-4013-0000-01 and its field duplicate, sample LPX-SD-4013-DUP) was submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by all reported positive results in these field QC samples.

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

B. Inorganic and Wet Chemistry Data

The inorganic analyses of 13 soil samples and 23 sediment samples (including QC samples) were performed by Applied Marine Sciences, Inc. (AMS) of League City, Texas. The samples were analyzed for total organic carbon (TOC) by SW-846 Method 9060 and for grain size by ASTM

Method D422. These analyses are specified on Table 1. The laboratory organized the samples into one SDG (SDG 2001-03-09).

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

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

Correctable Deficiency

- The laboratory incorrectly identified sample GMP-SD-5007-0000-01 as "GMD-SD-5007-0000-01" on the TOC result summary form.

Noncorrectable Deficiency

- The samples received on 7/18/01 had a cooler temperature of 9°C. According to the QAPP (Worksheet #22a), the cooler temperature should be less than 6°C. The laboratory did not note the elevated temperature in the Case Narrative. Data were not qualified due to this deficiency because the cooler temperature was less than 10°C.

Comments

1. The laboratory noted on the Sample Receipt Checklist form and in the Case Narrative that the container for sample WRL-SD-4005-0000-01 was broken and the sample was possibly contaminated with cooler water. The laboratory contacted Ms. Deirdre Dahlen of Battelle who arranged to have the sample re-sent with the next shipment.

2. Sample LPX-SD-071601-A was received with the shipment of samples on 7/24/01 but was not listed on the Chain-of-Custody Record. The laboratory contacted Ms. Deirdre Dahlen of Battelle who instructed the laboratory to add the sample to the Chain-of-Custody Record and analyze the sample for Total Organic Carbon and Grain Size.

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

Inorganic and Wet Chemistry Data Qualifiers

- The reported positive results for the following grain size fractions in the samples listed below should be considered estimated and have been flagged "J" on the data tables. High RPDs (>25%) were observed for these fractions in the associated laboratory duplicate analyses.

| Grain Size Fraction | SDG | Samples With Estimated Positive Results ("J") |
|---|---|---|
| fine sand | 2001-03-09 | GMP-SD-5002-0000-01, RWR-SD-5003-0000-01, RWR-SD-5004-0000-01, RAB-SD-5004-0000-01, CMS-SD-4003-0000-01, CMS-SD-4006-0000-01, CMS-SD-4007-0000-01, LPX-SD-4001-0000-01, LPX-SD-4002-0000-01, LPX-SD-4004-0000-01, CMS-FP-4005-0000-01, CMS-DU-072001, WRL-SD-4005-0000-01, and LPX-SD-071601-A |
| clay | 2001-03-09 | CMS-FP-4005-0000-01, CMS-DU-072001, WRL-SD-4005-0000-01, and LPX-SD-071601-A |

- One field duplicate pair (SDG 2001-03-09 sample CMS-FP-4001-0000-01 and its field duplicate, sample CMS-DU-072001) was submitted to the laboratory with this data set. Acceptable precision and sample representativeness were demonstrated by the reported positive results in these field QC samples with the following exception. The reported positive results for the fine sand and clay grain size fractions in these samples should be considered estimated and have been flagged "J" on the data tables. High RPDs (>50%) were observed for these fractions in the associated field duplicate analyses.

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

C. Conclusions

Overall, the data quality is satisfactory. Based on this QA review, several organic results were qualified as unusable due to very low MS/MSD recoveries and very low percent solids results. In addition, several organic results were qualified as estimated due to a low LCS recovery, low internal standard area counts, high MS/MSD recoveries, calibration issues, and quantitation of positive results below the project-required reporting limits. A few inorganic results were qualified as estimated due to high laboratory and field duplicate RPDs. Overall, the data are acceptable for use, provided the data user understands the limitations and qualifications stated in this QA review. The Laboratory Case Narratives and Chain-of-Custody Records are presented in Sections 5 and 6, respectively.

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