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US ARMY CORPS
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New England District

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Task 22F Post-Third Party Validated ELS Fish Tissue Chemistry Data Report

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

SDMS DocID 29555

Section 1
Dioxin/Furan, HCX, and TCX Results

QA/QC Narrative
ELS Tissue and QC Results

QA/QC Narrative

DIOXIN/FURAN/HCX/TCX ELS TISSUE QA/QC SUMMARY
QC Batch 48426-36

PROJECT: USACE NAE Delivery Order #01 Centredale
PARAMETER: Dioxin/Furan, HCX, and TCX
LABORATORY: Battelle, Columbus, OH
MATRIX: ELS Fish and Egg
SAMPLE CUSTODY: Fish samples arrived at Battelle Duxbury (for processing) on April 11, 2001. Samples were processed (composited, homogenized) at Battelle Duxbury and sub-samples removed for dioxin/furan, HCX, TCX, PCB, lipid and moisture content analyses. Samples for dioxin/furan, HCX, TCX, and PCB analyses were shipped to Battelle Columbus on April 12, 2001. Samples were received at Battelle Columbus in good condition and the cooler temperature upon receipt was 0.7°C.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved DL (pg/g Wet)	Target DL (pg/g Wet)
D/F/ HCX/ TCX	L-23 Battelle SOP ASAT.II-001	<5× MDL[a]	25-150% Recovery	*LCS*: Method 1613B, Table 6 OPR[b] *MS:* 50-120% Recovery [c]	≤30% PD [d]	≤30% RPD [c,d]	1.0 to 20	0.5 to 5.0

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

METHOD: ELS fish and egg samples were processed and analyzed for seventeen 2,3,7,8-substituted polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF), 2,3,7,8-TCDD Toxic Equivalents, 1,2,4,5,7,8-hexachloroxanthene (HCX), and 2,3,6,7-tetrachloroxanthene (TCX) following methods described in Battelle's draft Quality Assurance Project Plan (Battelle, 2001). Briefly,

Tissue Sample Preparation – Each tissue was homogenized. Per client request, samples YU40 and W2030 were combined. Aliquots of each homogenized tissue were weighed into individual jars and mixed with Hydromatrix drying agent. Approximately 1 - 10 g wet weight of each tissue sample was used. The tissue/Hydromatrix mixtures were placed into Soxhlet apparatus and spiked with $^{13}C_{12}$-labeled PCDD/PCDF and $^{13}C_{12}$-labeled PCB internal standard solutions. Matrix spike, matrix spike duplicate, and the laboratory control spike (LSC) samples were spiked with native PCDD/PCDF and native PCBs at this time. The Soxhlets were charged with $MeCl_2$: hexane (1:1) and allowed to extract for a minimum of 16 hours. The extracts were allowed to cool and drain. Each extract was then split into two equal fractions, one extract fraction for PCDD/PCDF cleanup and analysis and one extract fraction for PCB cleanup and analysis. Each PCDD/PCDF extract fraction was then spiked with 2,3,7,8-TCDD-$^{37}Cl_4$ cleanup standard for monitoring recovery of analytes through the cleanup procedures. Each PCDD/PCDF extract fraction was acid washed, then processed through acid/base silica, alumina, and carbon cleanup columns. The tissue extract fractions for PCDD/PCDF 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.

METHOD (cont):

PCDD/PCDF/HCX/TCX Analysis: Each extract fraction 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, HCX, and TCX. A DB225 column was used for second column confirmation of 2,3,7,8-TCDF.

A standard containing HCX and TCX was analyzed by HRMS in the selected-ion monitoring (SIM) mode using masses of TCDD to monitor TCX and masses of HxCDD to monitor HCX. Because the response for TCX and HCX using these masses was low, the standard was reanalyzed in the full scan mode in an attempt to identify masses of greater intensity and to confirm retention times. The masses determined from the full scan analysis were added to the acquisition program and, along with the TCDD and HxCDD ions, were used to monitor TCX and HCX in the subsequent sample runs. Reanalysis of the TCX/HCX standard during these runs showed that neither HCX nor TCX was detected at the masses identified in the full-scan analysis, but they were detected using the HxCDD masses and the TCDD masses, respectively. The sensitivity for TCX at the TCDD masses dropped significantly from the initial SIM analysis to the second SIM analysis acquired during the sample runs. Because of the low response for this TCX standard, the QAPP assumption that a response factor of 1 could be used to calculate TCX concentrations in absence of a calibration curve may be inappropriate. A very small peak detected in the TCDD masses at the TCX retention time appeared in all samples including blanks. In many instances the ion ratio was outside the expected range. Because this peak could not be positively identified as TCX and because the TCX standard response was low, estimated maximum possible concentrations for this possible TCX peak are not reported. No 1,2,3,7,8,9-HCX was found in the samples; however, a number of samples had a HCX response with the correct ion ratio, but different retention time from 1,2,3,7,8,9-HCX. This may indicate presence of a different HCX isomer. There are no concentrations reported for this possible HCX isomer since it is not the target isomer; however, the peak is flagged on the chromatograms included in the hard-copy of the data package.

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

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

2. Second column confirmations of 2,3,7,8-TCDF levels above 0.5 pg/g were performed on a DB225 column for all samples except the matrix spikes, matrix spike duplicates, LCS samples, and the standard reference materials, all of which were spiked with known amounts of PCDD/PCDF. Results for 2,3,7,8-TCDF from the confirmation analyses were higher than the initial DB5 results and appear to be due to a co-eluting ether. Because of this, the initial DB5 values for 2,3,7,8-TCDF are reported. The 2,3,7,8-TCDF values from the DB5 analysis are flagged as an estimated maximum possible concentration because, although the DB5 results do not have the co-eluting ether, they may contain some response from non- 2,3,7,8-tetrafurans.

3. The GC/HRMS instrumentation was calibrated at levels specified in Method 1613B with one additional calibration standard at concentrations equivalent to ½ the level of Method 1613B's lowest calibration point. The calibration range corresponds to the following levels in the samples assuming an average sample wet weight of 5 g of tissue and a final sample volume of 20 µL: 1.00 to 800 pg/g wet for tetra compounds, 5.00 to 4000 pg/g wet for penta through hepta

compounds, and 10.0 to 8000 pg/g wet for octa compounds. The calibration range corresponds to the following levels in the samples assuming an average sample wet weight of 2.5 g of tissue and a final sample volume of 20 µL: 2.00 to 1600 pg/g wet for tetra compounds, 10.0 to 8000 pg/g wet for penta through hepta compounds, and 20.0 to 16000 pg/g wet for octa compounds.

4. HCX and TCX were added to the analyte list for these analyses as described in the analysis section above and in the Centredale Manor Task 22 QAPP DRAFT (04/23/01). The 1,2,3,7,8,9-HxCDF detection limit was used for HCX since $^{13}C_{12}$-1,2,3,7,8,9-HxCDF was used as the internal standard for both HCX and 1,2,3,7,8,9,-HxCDF. The 2,3,7,8-TCDD detection limit was used for TCX since $^{13}C_{12}$-2,3,7,8-TCDD was used as the internal standard for both TCX and 2,3,7,8-TCDD.

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

Note: An error with the mass ions used for TCX identification was discovered after sample analysis was complete. USEPA and USACE were contacted (phone conference call June 12, 2001) and it was decided to only reanalyze the mother and egg samples for sample W2035 (white sucker from Lymansville Pond). These samples were reanalyzed using mass ions 319.914326 and 321.911376) and TCX was not detected.

Note: The 12-hour continuing calibrations for the initial runs met the criteria found in Table 6 of Method 1613B with the following exceptions. The results for 1,2,3,7,8,9-HxCDF for several of the continuing calibrations were slightly outside the limits found in Table 6 of Method 1613B. The results for 2,3,7,8 –TCDF and $^{13}C_{12}$-1,2,3,4,6,7,8-HpCF for the continuing calibrations bracketing the first day of analyses were slightly outside the limits found in Table 6 of Method 1613B. The concentrations for 1,2,3,7,8,9-HxCDF, 2,3,7,8-TCDF, and $^{13}C_{12}$-1,2,3,4,6,7,8-HpCDF for the samples associated with these calibration standards were calculated using the average response factor of the bracketing continuing calibrations, rather than the average response factor from the initial calibration.

HOLDING TIMES: Samples were prepared for analysis in one analytical batch. Samples were extracted within 1 month of collection and analyzed within 40 days of extraction.

Batch	Extraction Date	Analysis Dates
48426-36	04/24/01	05/16/01 – 05/17/01, and 05/26/01

DETECTION LIMITS: PCDD/PCDF/HCX/TCX results are reported relative to the sample-specific estimated detection limit (EDL) for that compound. The sample-specific EDL is defined as the concentration of a given compound required to produce a signal with a peak height of at least 2.5× the background signal level, as follows.

$$\text{EDL (pg/g wet)} = (2.5 \times H_x \times Q_{is}) / (H_{is} \times W \times RF)$$

Where,

H_x = Sum of the height of the noise level for each quantitation ion for the unlabeled PCDDs/PCDFs
H_{is} = Sum of the height of the noise level for each quantitation ion for the labeled internal standard
W = Sample size, g wet weight
RF = Calculated mean relative response factor for each analyte
Q_{is} = Quantity, in pg, of the internal standard added to sample before extraction

MATRIX SPIKE (cont):

48426-36 (egg) – PCDDs/PCDFs were recovered within the control limits specified in the QAPP.

Egg MS	82 – 98%
Egg MSD	81 – 105%
RPD	0.1% – 10.1 RPD

Note that an independent source of HCX and TCX were not available and as a result the LCS was not fortified with either HCX or TCX, as stated in the draft QAPP.

INTERNAL STANDARDS:

Fifteen labeled PCDD/PCDF internal standard compounds were added to each sample prior to extraction. Internal standard recoveries were calculated to measure data quality in terms of accuracy (extraction efficiency).

48426-36 – Internal standards were recovered within the control limits specified in the QAPP.

REPLICATES:

A sample duplicate was prepared with each analytical batch, for each give tissue type (whole body, egg). The RPD between replicate analyses for PCDDs/PCDF, HCX, and TCX was calculated to measure data quality in terms of precision.

48426-36 (whole body) – The precision between sample replicates, for all target compounds detected at levels >10× MDL, was within the control limits.

48426-36 (egg) – The precision between sample replicates for all target compounds detected at levels >10× MDL, was within the control limits.
RPDs ranged from:

	PCDDs/PCDFs/HCX/TCX RPDs
Whole Body Replicate	0.6 – 19.3%
Egg Replicate	2.2 – 20.8%

SRM:

A fish tissue standard reference material (SRM, CIL EDF 2526) was prepared with each analytical batch. The percent difference (PD) between the measured value and the certified value was calculated to measure data quality in terms of accuracy.

48426-36 – SRM PDs were within the control limits for all PCDDs/PCDFs with the exception of 1,2,3,4,7,8-HxCDD (31% PD).

PDs ranged from:

	PCDDs/PCDFs PDs
SRM	2.7 – 31.0%

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support.* Tasks 19-22 draft QAPP prepared under contract to USACE NAE. Delivery Order #59. April 23, 2001. 493pp + apps.

J. Archer and T.Crone, "Hexachloroxanthene Analysis with TCDD," Proceedings from the 20th International Symposium on Halogenated Environmental Organic Pollutants and POP, Monterey, CA; Volume 45; pp (29-32).

QUALITY ASSURANCE STATEMENT

Project Title: **USACE/NED, Centredale Manor ELS Tissue Samples Dioxin/Furan/HCX/TCX Data**

Project Number: **G339659-0022COL**

Description of Data: **Tissue samples for Dioxin 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

5-31-01
Date

ELS Tissue 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
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	292.09	pg/g - Wet Wt			0.72
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.79	pg/g - Wet Wt	U		0.79
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.71	pg/g - Wet Wt	U		0.71
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.70	pg/g - Wet Wt	U		0.70
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.51	pg/g - Wet Wt	U		0.51
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	0.88	pg/g - Wet Wt	U		0.88
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	1.03	pg/g - Wet Wt			0.76
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	1.31	pg/g - Wet Wt	E		0.40
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.60	pg/g - Wet Wt	U		0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	0.66	pg/g - Wet Wt	U		0.66
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.48	pg/g - Wet Wt	U		1.46
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.47	pg/g - Wet Wt	U		1.47
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.75	pg/g - Wet Wt	U		0.75
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.40	pg/g - Wet Wt	U		0.40
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.81	pg/g - Wet Wt	U		0.81
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.88	pg/g - Wet Wt	U		0.88
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	0.69	pg/g - Wet Wt	U		0.69
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.72	pg/g - Wet Wt	U		0.72
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.75	pg/g - Wet Wt	U		0.75
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	1.31	pg/g - Wet Wt			0.87
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	292.09	pg/g - Wet Wt			0.72
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	1.21	pg/g - Wet Wt	U		1.21
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	1.60	pg/g - Wet Wt	U		1.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	0.81	pg/g - Wet Wt	U		0.81
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	0.95	pg/g - Wet Wt	U		0.95
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	0.34	pg/g - Wet Wt	J		7.27
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	0.87	pg/g - Wet Wt	U		0.87
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	97	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	101	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	99	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	104	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	100	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	105	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	87	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	91	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	80	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	81	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	84	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	104	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	80	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	93	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	284.97	pg/g - Wet Wt			1.94
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.66	pg/g - Wet Wt	U		0.66
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	1.22	pg/g - Wet Wt	U		1.22
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	1.28	pg/g - Wet Wt	U		1.28
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	1.20	pg/g - Wet Wt	U		1.20
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	4.88	pg/g - Wet Wt			1.46
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	3.32	pg/g - Wet Wt			0.55
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	2.44	pg/g - Wet Wt	J		2.99
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	1.29	pg/g - Wet Wt	U		1.29
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	8.38	pg/g - Wet Wt	U		8.38
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.48	pg/g - Wet Wt	U		1.48
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.48	pg/g - Wet Wt	U		1.48
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	1.15	pg/g - Wet Wt	U		0.99
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	1.29	pg/g - Wet Wt	U		1.29
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	1.24	pg/g - Wet Wt	U		1.24
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	1.32	pg/g - Wet Wt	U		1.32

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
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	3.08	pg/g - Wet Wt			2.78
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	1.94	pg/g - Wet Wt	U		1.94
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	1.15	pg/g - Wet Wt	U		1.15
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	2.44	pg/g - Wet Wt	J		4.38
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	284.97	pg/g - Wet Wt			1.94
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	7.02	pg/g - Wet Wt	U		7.02
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	0.66	pg/g - Wet Wt	U		0.66
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	8.56	pg/g - Wet Wt	U		8.27
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	4.73	pg/g - Wet Wt			2.93
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	1.45	pg/g - Wet Wt	J		19.26
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	8.04	pg/g - Wet Wt			3.89
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	105	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	112	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	95	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	110	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	111	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	110	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	96	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	97	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	49	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	85	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	82	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	92	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	91	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	90	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	90	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	99	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	299.58	pg/g - Wet Wt			0.65
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.75	pg/g - Wet Wt	U		0.75
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.63	pg/g - Wet Wt	U		0.63
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.67	pg/g - Wet Wt	U		0.67
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.47	pg/g - Wet Wt	U		0.47
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	0.89	pg/g - Wet Wt			0.77
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	2.54	pg/g - Wet Wt			0.74
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	0.44	pg/g - Wet Wt	U		0.44
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.56	pg/g - Wet Wt	U		0.56
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	0.61	pg/g - Wet Wt	U		0.61
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.38	pg/g - Wet Wt	U		1.38
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.39	pg/g - Wet Wt	U		1.39
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.70	pg/g - Wet Wt	U		0.70
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.37	pg/g - Wet Wt	U		0.37
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.74	pg/g - Wet Wt	U		0.74
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.81	pg/g - Wet Wt	U		0.81
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	0.67	pg/g - Wet Wt	U		0.67
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.65	pg/g - Wet Wt	U		0.65
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.70	pg/g - Wet Wt	U		0.70
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	0.82	pg/g - Wet Wt	U		0.82
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	299.58	pg/g - Wet Wt			0.65
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	0.42	pg/g - Wet Wt	J		1.13
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	1.51	pg/g - Wet Wt	U		1.51
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	0.30	pg/g - Wet Wt	J		0.76
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	0.88	pg/g - Wet Wt	U		0.88
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	0.73	pg/g - Wet Wt	J		6.65
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	1.41	pg/g - Wet Wt			0.77
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	94	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	95	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	96	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	98	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	96	%RECOVERY			

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
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	96	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	79	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	87	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	73	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	75	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	77	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	76	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	98	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	73	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	422.44	pg/g - Wet Wt			0.72
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.82	pg/g - Wet Wt	U		0.82
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.71	pg/g - Wet Wt	U		0.71
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.77	pg/g - Wet Wt	U		0.77
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.53	pg/g - Wet Wt	U		0.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	0.92	pg/g - Wet Wt			0.89
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	1.44	pg/g - Wet Wt			0.81
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	2.60	pg/g - Wet Wt	E		0.48
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.63	pg/g - Wet Wt	U		0.63
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	0.70	pg/g - Wet Wt	U		0.70
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.58	pg/g - Wet Wt	U		1.58
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.59	pg/g - Wet Wt	U		1.59
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.80	pg/g - Wet Wt	U		0.80
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.43	pg/g - Wet Wt	U		0.43
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.85	pg/g - Wet Wt	U		0.85
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.89	pg/g - Wet Wt	U		0.89
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	0.73	pg/g - Wet Wt	U		0.73
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.72	pg/g - Wet Wt	U		0.72
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.80	pg/g - Wet Wt	U		0.80
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	2.60	pg/g - Wet Wt			0.88
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	422.44	pg/g - Wet Wt			0.72
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	1.28	pg/g - Wet Wt	U		1.28
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	1.66	pg/g - Wet Wt	U		1.66
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	1.11	pg/g - Wet Wt			0.87
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	1.00	pg/g - Wet Wt	U		1.00
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	0.12	pg/g - Wet Wt	J		7.45
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	0.92	pg/g - Wet Wt			0.89
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	88	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	77	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	78	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	81	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	71	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	69	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	73	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	72	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	93	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	72	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	456.87	pg/g - Wet Wt			0.44
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.82	pg/g - Wet Wt	U		0.82
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.37	pg/g - Wet Wt	U		0.37
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.38	pg/g - Wet Wt	U		0.38
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.36	pg/g - Wet Wt	U		0.36

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
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	0.53	pg/g - Wet Wt			0.52
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	0.87	pg/g - Wet Wt			0.19
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	1.68	pg/g - Wet Wt	E		0.62
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.43	pg/g - Wet Wt	U		0.43
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	0.63	pg/g - Wet Wt	U		0.63
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	0.50	pg/g - Wet Wt	U		0.50
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	0.50	pg/g - Wet Wt	U		0.50
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.42	pg/g - Wet Wt	U		0.42
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.44	pg/g - Wet Wt	U		0.44
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.45	pg/g - Wet Wt	U		0.45
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.50	pg/g - Wet Wt	U		0.50
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	0.97	pg/g - Wet Wt	U		0.97
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.44	pg/g - Wet Wt	U		0.44
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.42	pg/g - Wet Wt	U		0.42
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	1.82	pg/g - Wet Wt			0.92
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	456.87	pg/g - Wet Wt			0.44
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	1.11	pg/g - Wet Wt	U		1.11
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	1.89	pg/g - Wet Wt	U		1.89
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	0.33	pg/g - Wet Wt	J		2.96
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	0.88	pg/g - Wet Wt	U		0.88
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	7.03	pg/g - Wet Wt	U		7.03
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	0.53	pg/g - Wet Wt	J		1.39
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	109	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	116	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	98	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	112	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	107	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	112	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	95	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	102	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	109	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	74	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	98	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	339.75	pg/g - Wet Wt			0.98
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	2.00	pg/g - Wet Wt	U		2.00
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.86	pg/g - Wet Wt	U		0.86
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.85	pg/g - Wet Wt	U		0.85
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.82	pg/g - Wet Wt	U		0.82
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	1.20	pg/g - Wet Wt	U		1.20
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	1.26	pg/g - Wet Wt			0.42
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	2.05	pg/g - Wet Wt	E		1.36
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	1.01	pg/g - Wet Wt	U		1.01
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	1.46	pg/g - Wet Wt	U		1.46
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.14	pg/g - Wet Wt	U		1.14
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.13	pg/g - Wet Wt	U		1.13
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.95	pg/g - Wet Wt	U		0.95
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	1.00	pg/g - Wet Wt	U		1.00
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	1.04	pg/g - Wet Wt	U		1.04
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.99	pg/g - Wet Wt	U		0.99
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	2.12	pg/g - Wet Wt	U		2.12
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.98	pg/g - Wet Wt	U		0.98
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.95	pg/g - Wet Wt	U		0.95
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	2.05	pg/g - Wet Wt			1.99
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	339.75	pg/g - Wet Wt			0.98

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
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	2.60	pg/g - Wet Wt	U		2.60
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	4.59	pg/g - Wet Wt	U		4.59
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	6.72	pg/g - Wet Wt	U		6.72
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	2.00	pg/g - Wet Wt	U		2.00
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	15.23	pg/g - Wet Wt	U		15.23
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	3.19	pg/g - Wet Wt	U		3.19
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	100	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	108	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	105	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	113	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	93	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	98	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	88	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	97	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	6.48	pg/g - Wet Wt	U		6.48
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	7.18	pg/g - Wet Wt	U		7.18
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	6.21	pg/g - Wet Wt	U		6.21
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	6.47	pg/g - Wet Wt	U		6.47
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	4.57	pg/g - Wet Wt	U		4.57
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	7.71	pg/g - Wet Wt	U		7.71
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	8.48	pg/g - Wet Wt			7.19
	48401-48-03	BCO	M_BLANK		4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	4.36	pg/g - Wet Wt	U		4.36
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	5.49	pg/g - Wet Wt	U		5.49
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	5.89	pg/g - Wet Wt	U		5.89
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	14.08	pg/g - Wet Wt	U		14.08
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	13.91	pg/g - Wet Wt	U		13.91
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	6.96	pg/g - Wet Wt	U		6.96
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	3.63	pg/g - Wet Wt	U		3.63
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	7.32	pg/g - Wet Wt	U		7.32
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	8.08	pg/g - Wet Wt	U		8.08
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	6.51	pg/g - Wet Wt	U		6.51
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	6.48	pg/g - Wet Wt	U		6.48
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	6.96	pg/g - Wet Wt	U		6.96
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	8.06	pg/g - Wet Wt	U		8.06
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	9.47	pg/g - Wet Wt	U		9.47
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	10.94	pg/g - Wet Wt	U		10.94
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	14.51	pg/g - Wet Wt	U		14.51
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	7.61	pg/g - Wet Wt	U		7.61
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	8.56	pg/g - Wet Wt	U		8.56
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	65.99	pg/g - Wet Wt	U		65.99
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	7.63	pg/g - Wet Wt	U		7.63
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	89	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	94	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	89	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	102	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	96	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	96	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	76	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	81	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	86	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	72	%RECOVERY			

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
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	74	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	77	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	79	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	100	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	75	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	76	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	0.65	pg/g - Wet Wt	U		6.48
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.72	pg/g - Wet Wt	U		7.18
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.62	pg/g - Wet Wt	U		6.21
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.65	pg/g - Wet Wt	U		6.47
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.46	pg/g - Wet Wt	U		4.57
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	0.77	pg/g - Wet Wt	U		7.71
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	0.85	pg/g - Wet Wt			7.19
	48401-48-03	BCO	M_BLANK		4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	0.44	pg/g - Wet Wt	U		4.36
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.55	pg/g - Wet Wt	U		5.49
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	0.59	pg/g - Wet Wt	U		5.89
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.41	pg/g - Wet Wt	U		14.08
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.39	pg/g - Wet Wt	U		13.91
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.70	pg/g - Wet Wt	U		6.96
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.36	pg/g - Wet Wt	U		3.63
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.73	pg/g - Wet Wt	U		7.32
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.81	pg/g - Wet Wt	U		8.08
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	0.65	pg/g - Wet Wt	U		6.51
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.65	pg/g - Wet Wt	U		6.48
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.70	pg/g - Wet Wt	U		6.96
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	0.81	pg/g - Wet Wt	U		8.06
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	0.95	pg/g - Wet Wt	U		9.47
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	1.09	pg/g - Wet Wt	U		10.94
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	1.45	pg/g - Wet Wt	U		14.51
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	0.76	pg/g - Wet Wt	U		7.61
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	0.86	pg/g - Wet Wt	U		8.56
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	6.60	pg/g - Wet Wt	U		65.99
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	0.76	pg/g - Wet Wt	U		7.63
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	89	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	94	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	89	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	102	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	96	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	96	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	76	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	81	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	86	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-96-2	DIOXIN	MOD 1613B	72	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	74	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	77	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	79	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	100	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	75	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	76	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	1.30	pg/g - Wet Wt	U		6.48
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	1.44	pg/g - Wet Wt	U		7.18
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	1.24	pg/g - Wet Wt	U		6.21
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	1.30	pg/g - Wet Wt	U		6.47
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.92	pg/g - Wet Wt	U		4.57
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	1.54	pg/g - Wet Wt	U		7.71
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	1.70	pg/g - Wet Wt			7.19
	48401-48-03	BCO	M_BLANK		4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	0.87	pg/g - Wet Wt	U		4.36
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	1.10	pg/g - Wet Wt	U		5.49
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	1.18	pg/g - Wet Wt	U		5.89

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
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	2.82	pg/g - Wet Wt	U		14.08
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	2.78	pg/g - Wet Wt	U		13.91
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	1.40	pg/g - Wet Wt	U		6.96
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.72	pg/g - Wet Wt	U		3.63
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	1.46	pg/g - Wet Wt	U		7.32
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	1.62	pg/g - Wet Wt	U		8.08
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	1.30	pg/g - Wet Wt	U		6.51
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	1.30	pg/g - Wet Wt	U		6.48
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	1.39	pg/g - Wet Wt	U		6.96
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	1.62	pg/g - Wet Wt	U		8.06
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	1.90	pg/g - Wet Wt	U		9.47
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	2.18	pg/g - Wet Wt	U		10.94
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	2.90	pg/g - Wet Wt	U		14.51
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	1.52	pg/g - Wet Wt	U		7.61
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	1.72	pg/g - Wet Wt	U		8.56
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	13.20	pg/g - Wet Wt	U		65.99
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	1.52	pg/g - Wet Wt	U		7.63
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	89	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	94	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	89	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	102	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	96	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	96	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	76	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	81	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	86	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	72	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	74	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	77	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	79	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	100	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	75	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	76	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	142.69	%RECOVERY	&		
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	94.27	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	94.29	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	84.50	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	91.17	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	90.76	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	91.53	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	97.01	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	89.04	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	88.29	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	90.58	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	92.84	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	100.91	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	91.52	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	93.03	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	94.26	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	81.81	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	NA	%RECOVERY			

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
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	100	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	101	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	96	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	102	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	102	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	80	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	78	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	80	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	234	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	85	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	88	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	93	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	96	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	87	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	87	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	100	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	95	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	95	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	102	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	99	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	101	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	105	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	104	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	80	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	84	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	105	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	81	%RECOVERY			

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
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	100	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	95	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	93	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	92	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	88	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	98	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	92	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	104	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	110	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	99	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	105	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	107	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	95	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	97	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	81	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	78	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	83	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	85	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	105	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	82	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	99	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	93	%RECOVERY			

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
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	81	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	NA	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	104	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	112	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	98	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	107	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	109	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	90	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	99	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	107	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	84	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	81	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	89	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	85	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	86	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	8	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	45	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	42	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	42	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	41	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	43	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	88	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	9	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	42	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	43	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	43	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	44	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	48	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	44	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	44	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	45	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	77	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	NS	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	51	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	51	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	48	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	55	%RECOVERY			

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
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	52	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	110	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	42	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	44	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	48	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	38	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	41	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	41	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	41	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	54	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	40	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	4	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	9.1	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	12.7	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	31.0	%DIFFERENCE	&		
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	18.5	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	24.6	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	19.5	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	16.6	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	2.7	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	13.4	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	11.9	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	15.8	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	15.9	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	11.2	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	17.1	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	17.9	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	8.7	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	24.2	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	TCX		DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	HCX		DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	92	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	102	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	89	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	98	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	99	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	104	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	85	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	92	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	96	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	79	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	76	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	82	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	80	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	80	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	80	%RECOVERY			
	CIL EDF 2526	BCO	SRM		4/24/01	5/18/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	290.33	pg/g - Wet Wt			0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	0.73	pg/g - Wet Wt	U		0.73
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.63	pg/g - Wet Wt	U		0.63
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.66	pg/g - Wet Wt	U		0.66

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
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.47	pg/g - Wet Wt	U		0.47
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	0.75	pg/g - Wet Wt	U		0.75
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	1.26	pg/g - Wet Wt			0.89
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	1.27	pg/g - Wet Wt	E		0.34
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.55	pg/g - Wet Wt	U		0.55
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	0.60	pg/g - Wet Wt	U		0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.35	pg/g - Wet Wt	U		1.35
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.35	pg/g - Wet Wt	U		1.35
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.68	pg/g - Wet Wt	U		0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.36	pg/g - Wet Wt	U		0.36
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.72	pg/g - Wet Wt	U		0.72
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.77	pg/g - Wet Wt	U		0.77
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	0.63	pg/g - Wet Wt	U		0.63
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.60	pg/g - Wet Wt	U		0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.68	pg/g - Wet Wt	U		0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	1.59	pg/g - Wet Wt			0.62
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	290.33	pg/g - Wet Wt			0.60
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	0.71	pg/g - Wet Wt	J		1.11
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	1.47	pg/g - Wet Wt	U		1.47
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	0.74	pg/g - Wet Wt	U		0.72
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	0.88	pg/g - Wet Wt	U		0.88
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	0.50	pg/g - Wet Wt	J		0.78
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	0.41	pg/g - Wet Wt	J		0.75
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	99	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	95	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	98	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	102	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	102	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	105	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	84	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	87	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	80	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	78	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	84	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	106	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	83	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	92	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	2378-TCDD	1746-01-6	DIOXIN	MOD 1613B	355.03	pg/g - Wet Wt			0.95
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDD	40321-76-4	DIOXIN	MOD 1613B	1.86	pg/g - Wet Wt	U		1.86
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDD	39227-28-6	DIOXIN	MOD 1613B	0.76	pg/g - Wet Wt	U		0.76
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDD	57653-85-7	DIOXIN	MOD 1613B	0.78	pg/g - Wet Wt	U		0.78
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDD	19408-74-3	DIOXIN	MOD 1613B	0.74	pg/g - Wet Wt	U		0.74
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDD	35822-46-9	DIOXIN	MOD 1613B	1.06	pg/g - Wet Wt	U		1.06
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	OCDD	3268-87-9	DIOXIN	MOD 1613B	1.23	pg/g - Wet Wt			0.37
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/26/01		48426-36	2378-TCDF	51207-31-9	DIOXIN	MOD 1613B	1.66	pg/g - Wet Wt	E		1.30
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	12378-PECDF	57117-41-6	DIOXIN	MOD 1613B	0.91	pg/g - Wet Wt	U		0.91
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	23478-PECDF	57117-31-4	DIOXIN	MOD 1613B	1.34	pg/g - Wet Wt	U		1.34
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123478-HXCDF	70648-26-9	DIOXIN	MOD 1613B	1.00	pg/g - Wet Wt	U		1.00
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123678-HXCDF	57117-44-9	DIOXIN	MOD 1613B	1.01	pg/g - Wet Wt	U		1.01
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	123789-HXCDF	72918-21-9	DIOXIN	MOD 1613B	0.84	pg/g - Wet Wt	U		0.73
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	234678-HXCDF	60851-34-5	DIOXIN	MOD 1613B	0.91	pg/g - Wet Wt	U		0.91
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	1234678-HPCDF	67562-39-4	DIOXIN	MOD 1613B	0.91	pg/g - Wet Wt	U		0.91
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	1234789-HPCDF	55673-89-7	DIOXIN	MOD 1613B	0.88	pg/g - Wet Wt	U		0.88
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	OCDF	39001-02-0	DIOXIN	MOD 1613B	1.89	pg/g - Wet Wt	U		1.89
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	TCX		DIOXIN	MOD 1613B	0.95	pg/g - Wet Wt	U		0.95
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	HCX		DIOXIN	MOD 1613B	0.84	pg/g - Wet Wt	U		0.73
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Furans	51207-31-9	DIOXIN	MOD 1613B	1.91	pg/g - Wet Wt	U		1.91

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
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Tetra-Dioxins	41903-57-5	DIOXIN	MOD 1613B	355.03	pg/g - Wet Wt			0.95
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Furans	30402-15-4	DIOXIN	MOD 1613B	1.45	pg/g - Wet Wt	U		1.45
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Penta-Dioxins	36088-22-9	DIOXIN	MOD 1613B	4.27	pg/g - Wet Wt	U		4.27
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Furans	55684-94-1	DIOXIN	MOD 1613B	5.98	pg/g - Wet Wt	U		5.78
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hexa-Dioxins	34465-46-8	DIOXIN	MOD 1613B	1.81	pg/g - Wet Wt	U		1.81
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Furans	38998-75-3	DIOXIN	MOD 1613B	13.45	pg/g - Wet Wt	U		13.45
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	Total Hepta-Dioxins	37871-00-4	DIOXIN	MOD 1613B	2.82	pg/g - Wet Wt	U		2.82
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDD	76523-40-5	DIOXIN	MOD 1613B	109	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDD	109719-79-1	DIOXIN	MOD 1613B	111	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDD	109719-80-4	DIOXIN	MOD 1613B	106	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDD	109719-81-5	DIOXIN	MOD 1613B	115	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDD	109719-83-7	DIOXIN	MOD 1613B	113	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-OCDD	114423-97-1	DIOXIN	MOD 1613B	121	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-2378-TCDF	89059-46-1	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-12378-PECDF	109719-77-9	DIOXIN	MOD 1613B	101	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-23478-PECDF	116843-02-8	DIOXIN	MOD 1613B	105	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123478-HXCDF	114423-98-2	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123678-HXCDF	116843-03-9	DIOXIN	MOD 1613B	93	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-123789-HXCDF	116843-04-0	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-234678-HXCDF	116843-05-1	DIOXIN	MOD 1613B	94	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-1234678-HPCDF	116843-09-5	DIOXIN	MOD 1613B	88	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	13C-1234789-HPCDF	109719-94-0	DIOXIN	MOD 1613B	91	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/17/01		48426-36	37Cl-2378-TCDD	85508-50-5	DIOXIN	MOD 1613B	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	TEQ
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET	292.09			W	292.0000
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	0.0010
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET	1.31	J		W	0.1312
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	NA
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		U		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET	1.31	J		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET	292.09	J		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET	0.34	J		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET		UJ		W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	284.97			W	284.9000
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		UJ		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	4.88			W	0.0488
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	0.0033
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	2.44	J		W	0.2440
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		UJ		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	NA

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	3.08			W	0.0031
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		U		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	2.44	J		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	284.97	J		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		UJ		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		UJ		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET		UJ		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	4.73	J		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	1.45	J		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET	8.04	J		W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-SC-04, AP-SC-05	YU41 COMP		3.00		Laboratory Extraction ID =48426-36-03	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	299.58			W	299.5000
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	0.89			W	0.0089
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	0.0025
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	NA
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		U		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	299.58	J		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	0.42	J		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	0.3	J		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET		UJ		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	0.73	J		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET	1.41	J		W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	5.02	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	422.44			W	422.4000
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		UJ		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	0.92			W	0.0092
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	0.0014
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	2.6	J		W	0.2603
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		UJ		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		UJ		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	NA
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		U		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	2.6	J		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	422.44	J		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		UJ		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		UJ		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	1.11	J		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET		UJ		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	0.12	J		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET	0.92	J		W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	5.01	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	456.87			W	456.8000
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		UJ		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	0.53			W	0.0053
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	0.0009
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	1.68	J		W	0.1684
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		UJ		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	NA
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		U		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	1.82	J		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	456.87	J		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		UJ		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		UJ		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	0.33	J		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		UJ		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET		UJ		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET	0.53	J		W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-08	W2036		1.00		Laboratory Extraction ID =48426-36-15	5.02	G_WET				W	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET	339.75			EGG	339.7000
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	0.0013
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET	2.05	J		EGG	0.2049
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	NA
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		U		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET	2.05	J		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET	339.75	J		EGG	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET		UJ		EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.51	G_WET				EGG	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	0.0085
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.51	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	0.0085
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	0.0085
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	NA
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	5.01	G_WET				W	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-36-13	5.01	G_WET				EGG	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
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	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
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	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W	
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	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
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	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
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	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
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	CIL EDF 2526		1.00		Laboratory Extraction ID =48426-36-16	4.13	G_WET				W	
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AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
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AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
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AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
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AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	5.01	G_WET				W	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
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LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION	TEQ
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.51	G_WET				EGG	

Section 2
12 WHO PCB Congener Results

QA/QC Narrative
ELS Tissue and QC Results

QA/QC Narrative

12 WHO PCB Congener ELS TISSUE QA/QC SUMMARY
QC Batches 48426-36, 48426-56, and 48426-65/48903-02

PROJECT: USACE NAE Delivery Order #01 Centredale
PARAMETER: 12 WHO PCBs
LABORATORY: Battelle, Columbus, OH
MATRIX: ELS Fish and Egg
SAMPLE CUSTODY: Fish samples arrived at Battelle Duxbury (for processing) on April 11, 2001. Samples were processed (composited, homogenized) at Battelle Duxbury and sub-samples removed for dioxin/furan, HCX, TCX, PCB, lipid and moisture content analyses. Samples for dioxin/furan, HCX, TCX, and PCB analyses were shipped to Battelle Columbus on April 12, 2001. Samples were received at Battelle Columbus in good condition and the cooler temperature upon receipt was 0.7 °C.

QA/QC MEASUREMENT PERFORMANCE CRITERIA:

	Reference Method	Blank	Internal Standard Recovery	LCS/MS Recovery	SRM % Diff.	MS/MSD Replicate Relative Precision	Achieved DL (pg/g Wet)	Target DL (pg/g Wet)
PCB	L-32 Battelle SOP ASAT.II-009	<5× EML[a]	25-150% Recovery	*LCS*: Method 1668A, Table 6 OPR[b] *MS:* 50-150% Recovery [c]	≤30% PD [d]	≤30% RPD [c,d]	100 to 400	20 to 100

[a] Or associated samples >10× blank values.
[b] Method 1613B, Table 6 OPR requirements documented on LCS summary report table.
[c] *MS/MSD:* For 90% of analytes; Analyte concentration in MS must be >5× background to be used for data quality assessment
[d] For PCBs with certified concentrations > 3× the EML
[d] *Sample replicate precision:* For 90% of analytes; concentrations in sample replicate must be >3× the EML.

METHOD: ELS fish and egg samples were processed and analyzed for the 12 World Health Organization (WHO) PCB congeners following methods described in Battelle's draft Quality Assurance Project Plan (Battelle, 2001). Briefly,

Tissue Sample Preparation – Each tissue was homogenized. Per client request, samples YU40 and W2030 were combined. For SDG 48426-36, samples were prepared as follows. Approximately 1 - 10 g wet weight aliquots of each homogenized tissue were weighed into individual jars and mixed with Hydromatrix drying agent. The tissue/Hydromatrix mixtures were placed into Soxhlet apparatus and spiked with $^{13}C_{12}$-labeled PCDD/PCDF and $^{13}C_{12}$-labeled PCB internal standard solutions. Matrix spike, matrix spike duplicate, and the laboratory control spike (LCS) samples were spiked with native PCDD/PCDF and native PCBs at this time. The Soxhlets were charged with $MeCl_2$: hexane (1:1) and allowed to extract for a minimum of 16 hours. The extracts were allowed to cool and drain. Each extract was then split into two equal fractions, one extract fraction for PCDD/PCDF cleanup and analysis and one extract fraction for PCB cleanup and analysis. Each PCB extract fraction was then spiked with $^{13}C_{12}$-PCB-28, $^{13}C_{12}$-PCB-111, and $^{13}C_{12}$-PCB-178 cleanup standards for monitoring recovery of analytes through the cleanup procedures. Each PCB extract fraction was acid/base washed, then processed through silica cleanup columns, gel permeation chromatography (GPC), alumina cleanup columns, and carbon cleanup columns. The tissue extract fractions for PCBs were spiked with recovery standard and concentrated to a final sample volume of 50 µL. Four samples from SDG 48426-36 were lost during GPC cleanup and were re-extracted in SDG 48426-56. SDG 48426-56 was processed

METHOD (cont):

in the same manner as SDG 48246-36 except the samples were only spiked with PCB standards and the extracts were not split after extraction. During the GPC cleanup of SDG 48426-56, the method blank was the only sample successfully processed. The first tissue sample to go through GPC cleanup, W2036, was completely lost. The remaining samples in SDG 48426-56 were not processed through GPC cleanup due to the difficulties encountered in this step. Sample W2036 was re-extracted with SDG 48426-65 and processed through cleanup with water samples and the method blank from a different set of study samples (batch ID 48903-02).

Third Extraction of Sample W2036 – W2036 was re-extracted a second time with SDG 48426-65. The PCB extract fraction was acid/base washed, then processed through silica cleanup columns, GPC (if required), alumina cleanup columns, and carbon cleanup columns. The tissue extract was spiked with recovery standard and concentrated to a final sample volume of 25 µL. The fraction put through GPC cleanup was lost during this step and so results are only reported for the fraction which did not get GPC cleanup. Note that sample W2036 was extracted and processed through cleanup with water samples and the method blank from the water samples is reported. The water blank is applicable because it was filtered and the filter was Soxhlet extracted in the same fashion as the tissue sample (W2036). Also note that the method blank results were processed using a weight of 5 g to make the method blank applicable to the tissue sample. Because of poor chromatography associated with the first analysis of sample W2036, the sample was diluted to 75µL and reanalyzed.

PCB Analysis: Each extract fraction 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 analysis of the 12 WHO 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 each batch of samples included one method blank, one LCS, one fish standard reference material, one matrix spike per matrix, one matrix spike duplicate per matrix, and one sample prepared in duplicate per matrix.

2. The GC/HRMS instrumentation was calibrated using all six calibration standards specified in Method 1668A (CS 0.2 to CS-5). The calibration range corresponds to the following levels in the samples assuming an average sample wet weight of 5 g of tissue and a final sample volume of 50 µL: 2.00 to 20,000 pg/g wet for the PCB compounds. The calibration range corresponds to the following levels in the samples assuming an average sample wet weight of 2.5 g of tissue and a final sample volume of 50 µL: 4.00 to 40,000 pg/g wet for PCB compounds. Note that PCB-118 was found at levels above the calibration range in all tissue samples.

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

12 WHO PCB Congener ELS TISSUE QA/QC SUMMARY
QC Batches 48426-36, 48426-56, and 48426-65/48903-02

HOLDING TIMES:

Samples were prepared for analysis in one analytical batch. Some samples were lost during GPC cleanup and required re-extraction (see below). Samples were extracted within 1 month of collection and analyzed within 40 days of extraction.

Batch	Extraction Date	Analysis Date	Comment
48426-36	04/24/01	05/27 - 28/01	original extraction batch
48426-56	05/21/01	05/27 - 28/01	see footnote (a)
48426-65/48903-02	05/24/01	06/05/01	see footnote (b)

(a) The egg tissue MSD, SRM, sample W2036, and the egg duplicate (for Phil Cook) were lost during GPC cleanup. These samples were re-extracted in batch 48426-56. Samples were re-extracted with a method blank and a LCS only.

(b) The re-extract sample W2036, from batch 48426-56, was lost again during GPC cleanup. This sample was re-extracted for a second time in batch 48426.65. Note that only a method blank QC sample was analyzed with the lone re-extract.

DETECTION LIMITS:

PCB results are reported relative to the sample-specific estimated minimum levels (EMLs) for that compound. The sample-specific EML is based on EMLs from Table 2, Method 1668A and adjusted for sample specific processing factors and volumes, as follow:

EML (pg/g wet) = (EML from Table 2, Method 1668A) × FV / W

Where,

FV = Final volume of extract
W = Sample size, g wet weight

Achieved EMLs were 4 to 5 times higher than those specified in the QAPP. However, EMLs listed in the QAPP were based on a 10-g wet sample size; actual sample sizes ranged from 1 to 10 g-wet weight.

BLANKS:

A laboratory method blank was prepared with each analytical batch, for a total of three method blanks. Blanks were analyzed to ensure that the sample extraction and analysis methods were free of contamination.

48426-36 – PCB118 was detected above the EML in the blank.
48426-56 – PCB118 was detected above the EML in the blank.
48903-02 – PCB-118 and PCB-105 were detected in the method blank above the EML.

Tissue sample concentrations of PCBs 118 and 105 are greater than 10× the level found in the method blanks and as a result, results for PCBs 118 and 105 are not flagged with a "B"

Note that the method blank summary sheet shows results based on the 0.5g of vegetable oil reference matrix extracted, as well as extrapolated results to reflect 5g and 2.5g of tissue sample.

LABORATORY CONTROL SAMPLE

A laboratory control sample (LCS) was prepared with two of the three batches (48426-36 and 48426-56). The percent recoveries of representative PCBs were calculated to measure data quality in terms of accuracy.

48426-36 – PCBs were recovered within the control limits specified in Table 6 of Method 1668, Revision A.

48426-56 – PCBs were recovered within the control limits specified in Table 6 of Method 1668, Revision A.

MATRIX SPIKES:

One matrix spike (MS)/matrix spike duplicate (MSD) sample set was prepared with batch 48426-36, for each given tissue type (whole body, egg). As noted previously, the egg MSD was lost during GPC cleanup and this QC sample was re-extracted in batch 48426-56. The percent recoveries of representative PCBs in the MS/MSD pairs were calculated to measure data quality in terms of accuracy. The relative percent difference (RPD) between percent recoveries of PCDDs/PCDFs in the MS and MSD were calculated to measure data quality in terms of precision.

48426-36 (whole body and egg) – Analyte levels in the background sample for both the fish and egg matrix spikes were relatively high and as a result, the matrix spike concentration was <5× background concentration for all analytes. Because of this, none of the matrix spike results are being used for the data quality assessment.

Corrective Action – Matrix spike and matrix spike duplicate recoveries for both matrices are being reported using both the conventional percent recovery calculation and an alternative calculation useful when spike levels are low compared to background levels (Provost and Elder, 1983) for informational purposes only. For future analyses, matrix spikes will be prepared from biological tissue samples collected at a reference site, as opposed to a more contaminated area (e.g., Allendale and Lymansville Ponds), as was done for this sample set.

Conventional recoveries and RPDs ranged from:

	PCBs Recoveries
Whole Body MS	48 – 4,087%
Whole Body MSD	95 – 9,221%
RPD	1.7% – 149.9 RPD
Egg MS	25 – 1,253%
Egg MSD	-400 – 5,864%
RPD	17.0% – 387.7 RPD

Alternative recoveries and RPDs ranged from:

	PCBs Recoveries
Whole Body MS	98 – 150%
Whole Body MSD	96 – 155%
RPD	1.0% – 8.3 RPD
Egg MS	84 – 112%
Egg MSD	99 – 884%
RPD	0.3% – 162.6 RPD

INTERNAL STANDARDS: Twelve labeled PCB internal standard compounds were added to each sample prior to extraction. Internal standard recoveries were calculated to measure data quality in terms of accuracy (extraction efficiency).

48426-36 – Internal standards were recovered within the control limits specified in the QAPP.
48426-56 – Internal standards were recovered within the control limits specified in the QAPP.
48426-65/48903-02 – Internal standards were recovered within the control limits specified in the QAPP.

REPLICATES: A sample duplicate was prepared with batch 48426-36, for each give tissue type (whole body, egg). The RPD between replicate analyses for PCBs was calculated to measure data quality in terms of precision.

48426-36 (whole body and egg) – The precision between sample replicates, for all target compounds detected at levels >10× MDL, was within the control limits.

RPDs ranged from:

	PCB RPDs
Whole Body Replicate	0.2 – 24.4%
Egg Replicate	0.3 – 7.0%

SRM: A fish tissue standard reference material (SRM, CIL EDF 2526) was prepared with each analytical batch. The percent difference (PD) between the measured value and the certified value was calculated to measure data quality in terms of accuracy.

48426-36 – SRM PDs were within the control limits for all PCBs with the exception of PCB118 (45.2% PD).

PDs ranged from:

	PCB PDs
SRM	0.3 – 45.2%

Corrective Action – Low-level laboratory contamination may have contributed to the over-recovery of PCB118 in the SRM. Results for PCB118 are flagged on the SRM summary data report table.

REFERENCES:

Battelle 2001. *Centredale Manor Restoration Project Superfund Site Baseline Risk Assessment, Initial Project Planning and Support.* Tasks 19-22 draft QAPP prepared under contract to USACE NAE. Delivery Order #59. April 23, 2001. 493pp + apps.

J. Archer and T.Crone, "Hexachloroxanthene Analysis with TCDD," Proceedings from the 20th International Symposium on Halogenated Environmental Organic Pollutants and POP, Monterey, CA; Volume 45; pp (29-32).

Provost, L.P.; Elder, R.S., "Interpretation of Percent Recovery Data", American Laboratory, December 1983, pp 57-62.

QUALITY ASSURANCE STATEMENT

Project Title: **USACE/NED, Centredale Manor ELS Tissue Samples 12 WHO PCB Data**

Project Number: **G339659-0022COL**

Description of Data: **Tissue 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

Zachary Willenberg
Quality Assurance Specialist
Atmospheric Science and Applied Technology
Battelle

6/5/01
Date

QUALITY ASSURANCE STATEMENT

Project Title: **USACE/NED, Centredale Manor ELS Tissue Samples 12 WHO PCB Data: Results for W2036**

Project Number: **G339659-0022COL**

Description of Data: **Tissue 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

Zachary Willenberg
Quality Assurance Specialist
Atmospheric Science and Applied Technology
Battelle

7-5-01
Date

ELS Tissue 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
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	239.14	pg/g - Wet Wt	U		239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	639.85	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	1412.65	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	83799.15	pg/g - Wet Wt	C		239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	976.75	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	18556.09	pg/g - Wet Wt			119.57
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	765.94	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	3974.55	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	4973.00	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	4973.00	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	239.14	pg/g - Wet Wt	U		239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	306.68	pg/g - Wet Wt			239.14
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	72	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	72	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	79	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	77	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	78	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	80	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	61	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	77	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	79	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	79	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	51	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	82	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	70	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	88	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	105	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	239.21	pg/g - Wet Wt	U		239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	719.60	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	1335.81	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	85635.49	pg/g - Wet Wt	C		239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	1129.87	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	19063.57	pg/g - Wet Wt			119.60
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	757.67	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	3870.24	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	4881.17	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	4881.17	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	239.21	pg/g - Wet Wt	U		239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	296.43	pg/g - Wet Wt			239.21
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	79	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	79	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	81	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	80	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	84	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	80	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	65	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	79	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	83	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	83	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	56	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	77	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	101	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	89	%RECOVERY			
AP-SC-04, AP-SC-05	YU41 COMP	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	106	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	239.23	pg/g - Wet Wt	U		239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	136.46	pg/g - Wet Wt			239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	784.66	pg/g - Wet Wt			239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	49010.91	pg/g - Wet Wt	C		239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	671.22	pg/g - Wet Wt			239.23

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
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	11201.19	pg/g - Wet Wt			119.61
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	353.15	pg/g - Wet Wt			239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	2152.09	pg/g - Wet Wt			239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	2753.91	pg/g - Wet Wt			239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	2753.91	pg/g - Wet Wt			239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	239.23	pg/g - Wet Wt	U		239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	162.43	pg/g - Wet Wt	J		239.23
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	86	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	82	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	77	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	78	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	73	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	75	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	88	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	81	%RECOVERY			
AP-CC-06	W2034	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	95	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	79.99	pg/g - Wet Wt	J		239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	1035.78	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	2077.05	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	158788.80	pg/g - Wet Wt	C		239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	2235.24	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	32097.75	pg/g - Wet Wt			119.77
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	1071.47	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	7833.41	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	9454.25	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	9454.25	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	239.53	pg/g - Wet Wt	U		239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	613.17	pg/g - Wet Wt			239.53
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	85	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	79	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	83	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	80	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	81	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	80	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	76	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	79	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	79	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	73	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	78	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	57	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	84	%RECOVERY			
LP-CC-07	W2035	BCO	NORMAL	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	91	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	1569.89	pg/g - Wet Wt			299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	8313.21	pg/g - Wet Wt			299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	9788.57	pg/g - Wet Wt			299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	513100.40	pg/g - Wet Wt	C		299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	6221.18	pg/g - Wet Wt			299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	121520.70	pg/g - Wet Wt	C		149.92
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	8658.99	pg/g - Wet Wt			299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	32883.51	pg/g - Wet Wt	C		299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	40524.63	pg/g - Wet Wt	C		299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	40524.63	pg/g - Wet Wt	C		299.83

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
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	299.83	pg/g - Wet Wt	U		299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	6699.62	pg/g - Wet Wt			299.83
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	95	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	82	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	84	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	92	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	91	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	85	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	85	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	85	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	69	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	52	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	65	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	81	%RECOVERY			
LP-CC-08	W2036	BCO	NORMAL	04/10/01	5/24/01	6/15/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	80	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	42.81	pg/g - Wet Wt	J		477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	823.31	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	1270.23	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	104977.20	pg/g - Wet Wt	C		477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	1764.18	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	24485.45	pg/g - Wet Wt			238.81
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	971.63	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	4332.86	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	5812.63	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	5812.63	pg/g - Wet Wt			477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	168.57	pg/g - Wet Wt	J		477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	348.19	pg/g - Wet Wt	J		477.62
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	79	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	74	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	90	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	76	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	70	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	103	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E	BCO	NORMAL	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	106	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	94.98	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	2544.85	pg/g - Wet Wt			2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	57.14	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	918.40	pg/g - Wet Wt	J		1167.95
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	41	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	57	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	47	%RECOVERY			

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
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	47	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	60	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	46	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	41	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	30	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	35	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	53	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	36	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	36	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	8.13	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	217.88	pg/g - Wet Wt			200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	4.89	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	78.63	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		100.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	199.99	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	41	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	57	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	47	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	47	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	60	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	46	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	41	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	30	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	35	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	53	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	36	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	36	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	16.26	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	435.76	pg/g - Wet Wt			400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	9.78	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	157.26	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	399.98	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	41	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	57	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	47	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	47	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	60	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	46	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	41	%RECOVERY			

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
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	49	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	30	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	35	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	53	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	36	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	36	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	51.53	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	106.62	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	1316.77	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	29.57	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	573.12	pg/g - Wet Wt	J		1167.95
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	38.91	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	60.07	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	60.07	pg/g - Wet Wt	J		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	2335.90	pg/g - Wet Wt	U		2335.90
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	61	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	65	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	59	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	58	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	62	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	61	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	66	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	54	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	55	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	55	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	56	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	50	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	44	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	56	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	52	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	200.00	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	4.41	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	9.13	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	112.74	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	2.53	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	49.07	pg/g - Wet Wt	J		100.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	200.00	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	3.33	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	5.14	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	5.14	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	200.00	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	200.00	pg/g - Wet Wt	U		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	61	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	65	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	59	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	58	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	62	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	61	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	66	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	54	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	55	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	55	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	56	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	50	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	44	%RECOVERY			

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
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	56	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	52	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	400.00	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	8.82	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	18.26	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	225.48	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	5.06	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	98.14	pg/g - Wet Wt	J		200.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	400.00	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	6.66	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	10.29	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	10.29	pg/g - Wet Wt	J		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	400.00	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	400.00	pg/g - Wet Wt	U		400.00
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	61	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	65	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	59	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	58	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	62	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	61	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	66	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	54	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	55	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	55	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	56	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	50	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	44	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	56	%RECOVERY			
	48401-48-03	BCO	M_BLANK		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	52	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	0.63	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	12.71	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	5.70	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	437.51	pg/g - Wet Wt			299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	10.15	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	182.58	pg/g - Wet Wt			149.92
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	5.38	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	12.54	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	23.16	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	23.16	pg/g - Wet Wt	J		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	299.83	pg/g - Wet Wt	U		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	299.83	pg/g - Wet Wt	U		299.83
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	110	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	107	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	102	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	92	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	104	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	88	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	108	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	84	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	77	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	77	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	82	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	65	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	134	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	101	%RECOVERY			
	48401-48-03	BCO	M_BLANK		5/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	100	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	92	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	91	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	86	%RECOVERY			

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
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	29	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	82	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	66	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	82	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	80	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	84	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	84	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	75	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	82	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	89	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	99	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	94	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	100	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	98	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	82	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	85	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	87	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	87	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	53	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	72	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	40	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	90	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	102	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	110	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	94	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	96	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	93	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	90	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	91	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	89	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	91	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	81	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	77	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	81	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	82	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	87	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	76	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	78	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	78	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	74	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	66	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	34	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	74	%RECOVERY			
	48401-48-03	BCO	LCS		4/24/01	5/27/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	68	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	97	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	265	%RECOVERY	&		
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	308	%RECOVERY	&		
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	4087	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	144	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	1227	%RECOVERY	&		
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	339	%RECOVERY	&		
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	48	%RECOVERY			

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
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	106	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	106	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	181	%RECOVERY	&		
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	108	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	77	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	77	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	97	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	99	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	96	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	98	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	76	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	86	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	86	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	57	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	95	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	64	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	86	%RECOVERY			
LP-CC-07	W2035 MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	79	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	95	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	279	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	256	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	9221	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	199	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	2306	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	331	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	334	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	412	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	412	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	189	%RECOVERY	&		
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	122	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	90	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	91	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	93	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	98	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	93	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	95	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	90	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	90	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	90	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	79	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	98	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	58	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	84	%RECOVERY			
LP-CC-07	W2035 MSD	BCO	MSD		4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	78	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	94	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	134	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	67	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	1253	%RECOVERY	&		
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	25	%RECOVERY	&		
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	176	%RECOVERY	&		
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	117	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	119	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	105	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	105	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	92	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	90	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	96	%RECOVERY			

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
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	96	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	100	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	98	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	99	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	100	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	91	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	69	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	107	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	120	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E MS	BCO	MS		4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	83	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	193	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	159	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	5864	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	-400	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	272	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	321	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	159	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	248	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	152	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	152	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	109	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	127	%RECOVERY	&		
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	97	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	98	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	96	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	101	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	103	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	96	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	99	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	93	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	97	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	97	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	74	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	111	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	100	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E MSD	BCO	MSD		5/21/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	81	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	12.9	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	45.2	%DIFFERENCE	&		
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	8.5	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	0.3	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	7.2	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	NA	%DIFFERENCE			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	73	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	77	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	72	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	68	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	71	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	71	%RECOVERY			

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
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	73	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	70	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	70	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	70	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	72	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	65	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	56	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	81	%RECOVERY			
	CIL EDF 2526	BCO	SRM		5/21/01	5/29/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	88	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	239.43	pg/g - Wet Wt	U		239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	817.51	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	1243.50	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	86334.74	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	1013.33	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	18445.97	pg/g - Wet Wt			119.72
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	752.83	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	4026.47	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	4962.81	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	4962.81	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	239.43	pg/g - Wet Wt	U		239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	307.26	pg/g - Wet Wt			239.43
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	98	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	97	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	92	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	91	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	91	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	95	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	87	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	90	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	92	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	92	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	76	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	93	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	88	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	92	%RECOVERY			
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/28/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	106	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-81	70362-50-4	PCB	MOD 1668A	477.40	pg/g - Wet Wt	U		477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-77	32598-13-3	PCB	MOD 1668A	819.54	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-123	65510-44-3	PCB	MOD 1668A	1238.52	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-118	31508-00-6	PCB	MOD 1668A	108660.90	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-114	74472-37-0	PCB	MOD 1668A	1891.22	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-105	32598-14-4	PCB	MOD 1668A	25320.50	pg/g - Wet Wt			238.70
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-126	57465-28-8	PCB	MOD 1668A	939.64	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-167	52663-72-6	PCB	MOD 1668A	4571.00	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-156	38380-08-4	PCB	MOD 1668A	5831.20	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-157	69782-90-7	PCB	MOD 1668A	5831.20	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-169	32774-16-6	PCB	MOD 1668A	477.40	pg/g - Wet Wt	U		477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	PCB-189	39635-31-9	PCB	MOD 1668A	370.43	pg/g - Wet Wt			477.40
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-81	70362-50-4	PCB	MOD 1668A	85	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-77	32598-13-3	PCB	MOD 1668A	83	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-123	65510-44-3	PCB	MOD 1668A	89	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-118	31508-00-6	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-114	74472-37-0	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-105	32598-14-4	PCB	MOD 1668A	88	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-126	57465-28-8	PCB	MOD 1668A	86	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-167	52663-72-6	PCB	MOD 1668A	82	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-156	38380-08-4	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-157	69782-90-7	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-169	32774-16-6	PCB	MOD 1668A	77	%RECOVERY			

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
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB-189	39635-31-9	PCB	MOD 1668A	91	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB28	7012-37-5	PCB	MOD 1668A	105	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB111	39635-32-0	PCB	MOD 1668A	87	%RECOVERY			
LP-CC-07EGG	W2035-E DUP	BCO	DUPLICATE	04/10/01	4/24/01	5/29/01		48426-36	13C-PCB178	52663-67-9	PCB	MOD 1668A	100	%RECOVERY			

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET		U		W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	639.85			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	1412.65			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	83799.15	J		W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	976.75			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	18556.09			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	765.94			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	3974.55			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	4973	J		W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	4973	J		W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET		U		W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET	306.68			W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00		Laboratory Extraction ID =48426-36-02	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET		U		W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	719.6			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	1335.81			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	85635.49	J		W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	1129.87			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	19063.57			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	757.67			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	3870.24			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	4881.17	J		W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	4881.17	J		W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET		U		W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET	296.43			W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00		Laboratory Extraction ID =48426-36-03	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET		U		W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	136.46			W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	784.66			W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	49010.91	J		W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	671.22			W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	11201.19			W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	353.15			W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	2152.09			W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	2753.91	J		W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	2753.91	J		W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET		U		W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET	162.43	J		W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
AP-CC-06	W2034		1.00		Laboratory Extraction ID =48426-36-04	4.18	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	79.99	J		W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	1035.78			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	2077.05			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	158788.8	J		W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	2235.24			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	32097.75			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	1071.47			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	7833.41			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	9454.25	J		W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	9454.25	J		W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET		U		W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET	613.17			W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-07	W2035		1.00		Laboratory Extraction ID =48426-36-05	4.17	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	1569.89			W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	8313.21			W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	9788.57			W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	513100.4	J		W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	6221.18			W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	121520.7	J		W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	8658.99			W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	32883.51	J		W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	40524.63	J		W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	40524.63	J		W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET		U		W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET	6699.62			W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-08	W2036		3.00		Laboratory Extraction ID =48426-65-02	5.00	G_WET				W
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	42.81	J		EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	823.31			EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	1270.23			EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	104977.20	J		EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	1764.18			EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	24485.45			EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	971.63			EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	4332.86			EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	5812.63	J		EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	5812.63	J		EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	168.57	J		EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET	348.19	J		EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00		Laboratory Extraction ID =48426-36-10	2.09	G_WET				EGG
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-36-18	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	0.43	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =484226-56-07	2.50	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48903-02-14	5.00	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-36-17	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
	48401-48-03		1.00		Laboratory Extraction ID =48426-56-06	NA	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MS		1.00		Laboratory Extraction ID =48426-36-07	4.17	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07	W2035 MSD		1.00		Laboratory Extraction ID =48426-36-08	4.18	G_WET				W
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MS		1.00		Laboratory Extraction ID =48426-36-12	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
LP-CC-07EGG	W2035-E MSD		1.00		Laboratory Extraction ID =484226-56-04	5.00	G_WET				EGG
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
	CIL EDF 2526		1.00		Laboratory Extraction ID =49426-56-05	8.28	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP+W2030 DUP		1.00		Laboratory Extraction ID =48426-36-06	4.18	G_WET				W
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG

SAMPLE_NO	LAB_ID	CRDL_CRQL	DIL_FACTOR	PCT_MOIST	COMMENTS	SAMPLE_SIZE	SAMPLE_SIZE_UNITS	FINAL_RESULT	FINAL_QUAL	VALID_COMMENT	FRACTION
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG
LP-CC-07EGG	W2035-E DUP		1.00		Laboratory Extraction ID =48426-36-11	2.09	G_WET				EGG

Section 3
Moisture and DCM Extractable Lipid Content 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
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030	BATD	NORMAL	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	1.62	%WET			0.01
AP-SC-04, AP-SC-05	YU41 COMP	BATD	NORMAL	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	1.30	%WET			0.01
AP-CC-06	W2034	BATD	NORMAL	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	1.83	%WET			0.01
LP-CC-07	W2035	BATD	NORMAL	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	3.94	%WET			0.01
LP-CC-08	W2036	BATD	NORMAL	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	3.50	%WET			0.01
LP-CC-07EGG	W2035-E	BATD	NORMAL	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	13.93	%WET			0.01
LP-CC-07EGG	W2035-E	BATD	DUPLICATE	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	10.89	%WET			0.01
LP-CC-07	W2035	BATD	DUPLICATE	04/10/01	4/25/01	4/27/01		01-178	Lipid Content	NA	Wet	BATD_SOP_5_190	4.75	%WET			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
AP-SC-01, AP-SC-02, AP-SC-03	YU40 COMP + W2030		1.00	78.72	DCM Extractable lipid	21.46	G_WET				W
AP-SC-04, AP-SC-05	YU41 COMP		1.00	77.75	DCM Extractable lipid	18.48	G_WET				W
AP-CC-06	W2034		1.00	76.14	DCM Extractable lipid	18.91	G_WET				W
LP-CC-07	W2035		1.00	70.30	DCM Extractable lipid	19.88	G_WET				W
LP-CC-08	W2036		1.00	76.28	DCM Extractable lipid	23.14	G_WET				W
LP-CC-07EGG	W2035-E		1.00	69.69	DCM Extractable lipid	19.49	G_WET				EGG
LP-CC-07EGG	W2035-E		1.00	72.69	DCM Extractable lipid	20.80	G_WET				EGG
LP-CC-07	W2035		1.00	65.30	DCM Extractable lipid	23.22	G_WET				W

Section 4
Third Party Validation Report

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
NEW ENGLAND REGIONAL LABORATORY
OFFICE OF ENVIRONMENTAL MEASUREMENT & EVALUATION
11 TECHNOLOGY DRIVE
NORTH CHELMSFORD, MASSACHUSETTS 01863-2431

December 27, 2001

Ms. Deirdre Dahlen
Battelle Duxbury Operations
397 Washington Street
Duxbury, MA 02332

Dear Deirdre:

Attached please find the data validation memo for the dioxin/furan/PCB results in the ELS Fish Tissue that Cornell wanted me to forward to you.

If you have any questions, please give me a call.

Sincerely,

Steve Stodola

Steve Stodola, QA Unit

cc: C. Rosiu, OSRR
G. Sotolongo, OEME

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Steve Stodola
US EPA Approval Signature

12/14/01
Date

November 30, 2001
B-01-11-Y-1
Revised: December 12, 2001

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. 0240
Case No. ELS Fish Tissue, SDG No. 8801
Battelle Laboratories - Columbus, OH
Centredale Manor, North Providence, RI

Dioxin/Furan, HCX and TCX: 5/Fish Tissue/YU40COMP + W2030, YU41COMP, W2034, W2035, W2036

1/Fish Egg/W2035E

WHO PCB Congeners: 5/Fish Tissue/YU40COMP + W2030, YU41COMP, W2034, W2035, W2036

1/Fish Egg/W2035E

Dear Ms. Clark:

A Tier III data validation was performed on the Dioxin/Furan, HCX, TCX, and WHO PCB congeners analytical data for five fish tissue and one fish egg samples collected by USACE for the U.S. EPA at the Centredale Manor Site in North Providence, RI. The Dioxin/Furan, HCX, and TCX samples were analyzed according to EPA Method 1613B, September 15, 1997 and for WHO PCB congeners 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) which include the criteria in EPA Method 1613B, September 15, 1997 and 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 Dioxin Data Validation SOP ESAT-01-0007 (01/31/01) and 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 Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan and WHO PCB congeners in fish tissue). 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 123478-HxCDD and PCB-118. See page four for details.

The method blank exhibited low level OCDD 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.

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.

The following table lists the whole body fish tissue samples composited by the laboratory, Battelle sample ID, and Client ID.

Composite ID	Battelle ID	Client ID
YU40COMP	W2029	AP-SC-01
	W2031	AP-SC-03
YU40COMP + W2030	W2030	AP-SC-02
YU41COMP	W2032	AP-SC-04
	W2033	AP-SC-05
NC	W2034	AP-CC-06
NC	W2035	LP-CC-07
NC	W2036	LP-CC-08
NC	W2035E	LP-CC-07 EGGS

NC Not Composited

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 explain where the GPC adjusted weights are documented and how they are derived.

2. The laboratory was asked to submit a corrected page 0031, the flags for PCB-123, PCB-167, PCB-156, and PCB-157 should be a "J" not an "U" for MB (2.5).

3. The laboratory was asked to submit an example calculation for a congener in the WHO PCB analysis for one of the field samples.

Items 1 thru 3 were requested via the TOPO on September 27, 2001. Items 1 thru 3 were received via the TOPO on October 19, 2001. All items were adequately addressed.

PE Samples/Accuracy Check

One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan and WHO PCB congeners in fish tissue). All congeners were within the Centredale Manor Tasks 19-22 QAPP (5/23/01) specified criterion of less than 30 %D from the consensus value except for 123478-HxCDD and PCB-118.

The following table summarizes the SRM sample results which did not meet criterion and the resulting sample qualifications:

PE Sample Number	Congener	%D	Action	
			Positive Detects	NDs
CIL EDF 2526	123478-HxCDD	31	J	UJ
CIL EDF 2526	23'44'5-PeCB (PCB-118)	45	J	UJ

The ESAT data validator estimated (J,UJ) positive and non-detected results for 123478-HxCDD in all dioxin/furan samples and 23'44'5-PeCB (PCB-118) in all WHO PCB congener samples in this SDG since the %D was greater than 30% of the respective consensus values.

Congener	Affected Samples	
	Positive Detects (J)	NDs (UJ)
123478-HxCDD	None	YU40 COMP + W2030, YU41 COMP, W2034, W2035, W2036, W2035E
23'44'5-PeCB (PCB-118)	YU40 COMP + W2030, YU41 COMP, W2034, W2035, W2036, W2035E	None

Initial and Continuing Calibrations

- Dioxin/Furans

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

VER Date	Compound	Recovery (ng/ml)	Acceptable Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
05/17/01 (Beginning)	2378-TCDF	8.2	8.4-12	J	UJ	YU40 COMP + W2030, W2034, W2035
05/17/01 (Beginning)	123789-HxCDF	42	45-56	J	UJ	YU40 COMP + W02030, W2034, W2035

VER Date	Compound	Recovery (ng/ml)	Acceptable Recovery Range (ng/ml)	Action		Affected Samples
				Positive Detects	NDs	
05/17/01 (Beginning)	$^{13}C_{12}$-1234789-HpCDF	75	77-129	J	UJ	YU40 COMP + W2030, W2034, W2035
05/17/01 (Ending)	123789-HxCDF	44	45-56	J	UJ	YU40 COMP + W2030, W2034, W2035
05/17/01 (Beginning)	123789-HxCDF	39	45-56	J	UJ	YU41 COMP, W2035E, W2036

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.

- WHO PCB

The following table summarizes the Ongoing Precision and Recovery (OPR) results which did not meet Method 1668A recovery criteria and the resulting sample qualifications:

OPR Date	Compound	% Recovery	Acceptable % Recovery Range	Action		Affected Samples
				Positive Detects	NDs	
05/27/01	23'44'5-PeCB (118)	29	50-150	J	UJ	YU40 COMP + W2030, YU41 COMP, W2034, W2035, W2035E

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

Chromatographic Resolution

PCB-156 and PCB-157 coeluted on the SPB-Octyl column. The laboratory reported the concentration PCB-156 and PCB-157 as equal amounts. In actuality, the sum of the individual concentrations for PCBs 156 and 157 represents the total amount of 156/157. The laboratory divided the total amount equally between the two congeners. As a result of the coelution, positive results for PCB-156 and PCB-157 are estimated (J) in all samples.

Blanks

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

- Dioxin/Furan

Congener	Type of Blank (Sample ID)	Blank Concentration ng/Kg	Action Level ng/Kg	Samples Affected
OCDD	Method Blank (5/17/01) (48426-36 Adjusted for 5g of Tissue)	0.85 (5 g Sample)	8.5	YU40 COMP + W2030, YU41 COMP, W2034, W2035, W2036 (5g Fish Tissue Sample)
OCDD	Method Blank (5/17/01) (48426-36 Adjusted for 2.5g of Tissue)	1.7 (2.5 g Sample)	17	W2035E (2.5g Egg Sample)

Blank actions are based on Region I, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, December 1996 and EPA Region I's Environmental Services Assistance Team Dioxin Data Validation SOP ESAT-01-0007 (01/31/01) 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 the blank action level are reported as non-detects (U) at the reported concentration on the Data Summary Table.

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.

- Dioxin/Furan

The laboratory reported values flagged with "E" to indicate the reported results were significantly affected by matrix interference.

Congener	Affected Sample
2378-TCDF	YU40 COMP + W2030,. W2035, W2036, W2035E

2378-TCDF concentration was estimated (J) due to matrix interference.

- WHO PCB

The laboratory reported values flagged with "C" to indicate the reported results were above the highest calibration standard.

Congener	Affected Sample
23'44'5-PeCB (118)	YU40 COMP + W2030, YU41 COMP, W2034, W2035, W2036, W2035E
233'44'-PeCB (105)	W2036
23'44'55'-HxCB (167)	W2036
233'44'5-HxCB (156)	W2036
233'44'5'-HxCB (157)	W2036

The laboratory was not required to dilute and reanalyze the samples. Concentrations quantitated above the highest calibration standard are flagged (J) on the Data Summary Tables. Quantitation is not accurate when the reported results are above the highest calibration standard.

2378-TCDD Toxicity Equivalents (TE) and Isomer Specificity

All TE values reported on the Data Summary Tables have been calculated by the ESAT data validator using the validated data discussed above in this report. As a result, the TE values in the Data Summary Table may differ 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 TEF values for the dioxin/furans used by ESAT and the laboratory are the ones 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. 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 2, page 780.

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
Communication/Phone Logs
Field Sampling Notes

Table I
Recommendation Summary Table for Dioxins/Furans
Centredale Manor Site
Case No.: ELS Fish Tissue/SDG No. 8801

Sample Nos.	YU40COMP + W2030	YU41COMP	W2034	W2035	W2036	W2035E
Compound						
2378-TCDD	A	A	A	A	A	A
12378-PeCDD	A	A	A	A	A	A
123478-HxCDD	J[1]	J[1]	J[1]	J[1]	J[1]	J[1]
123678-HxCDD	A	A	A	A	A	A
123789-HxCDD	A	A	A	A	A	A
1234678-HpCDD	A	A	A	A	A	A
OCDD	J[3]	J[3]	J[3]	J[3]	J[3]	J[3]
2378-TCDF	J[2,4]	A	J[2]	J[2,4]	J[4]	J[4]
12378-PeCDF	A	A	A	A	A	A
23478-PeCDF	A	A	A	A	A	A
123478-HxCDF	A	A	A	A	A	A
123678-HxCDF	A	A	A	A	A	A
123789-HxCDF	J[2]	J[2]	J[2]	J[2]	J[2]	J[2]
234678-HxCDF	A	A	A	A	A	A
1234678-HpCDF	A	A	A	A	A	A
1234789-HpCDF	J[2]	A	J[2]	J[2]	A	A
OCDF	A	A	A	A	A	A

Table I
Recommendation Summary Table for Dioxins/Furans

A	-	Accept results.
J^1	-	PE %D outside criterion; UJ non-detects.
J^2	-	VER recoveries outside criterion; J detects, UJ non-detects.
J^3	-	Method blank contamination; positive sample results less than the blank action level are reported as non-detects (U) at the concentration reported.
J^4	-	Matrix interference; J detects.

Table I
Recommendation Summary Table for PCB Congeners
Centredale Manor Site
Case No.: ELS Fish Tissue/SDG No. 8801

Sample Nos.	YU40COMP + W2030	YU41COMP	W2034	W2035	W2036	W2035E
Compound						
344'5-TetraCB (#81)	A	A	A	A	A	A
33'44'-TetraCB (#77)	A	A	A	A	A	A
2'344'5-PentaCB (#123)	A	A	A	A	A	A
23'44'5-PentaCB (#118)	J[1,2,3]	J[1,2,3]	J[1,2,3]	J[1,2,3]	J[1,3]	J[1,2,3]
2344'5-PentaCB (#114)	A	A	A	A	A	A
233'44'-PentaCB (#105)	A	A	A	A	J[3]	A
33'44'5-PentaCB (#126)	A	A	A	A	A	A
23'44'55'-HexaCB (#167)	A	A	A	A	J[3]	A
233'44'5-HexaCB (#156)	J[4]	J[4]	J[4]	J[4]	J[3,4]	J[4]
233'44'5'-HexaCB (#157)	J[4]	J[4]	J[4]	J[4]	J[3,4]	J[4]
33'44'55'-HexaCB (#169)	A	A	A	A	A	A
233'44'55'-HeptaCB (#189)	A	A	A	A	A	A

Table I
Recommendation Summary Table for PCB Congeners

A	-	Accept all results.
J[1]	-	PE %D outside criterion; J detects.
J[2]	-	OPR recoveries outside criterion; J detects, UJ non-detects.
J[3]	-	Concentrations above the highest calibration standard; J detects.
J[4]	-	Coeluting peaks; J detects.

EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

DIOXIN/FURAN ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives as found in Centredale Manor Tasks 19-22 QAPP (5/23/01): To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site.	Yes, Sampling Method appropriate for all samples Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: J[1,2,3,4]	Refer to qualification in R/S Key on Table I: NA	**	One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan and WHO PCB congeners in fish tissue). 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 123478-HxCDD and PCB-118. See page four of the data validation memorandum for details. The method blank exhibited low level OCDD 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. 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: 12/12/01

EPA-NE - Data Validation Worksheet

Overall Evaluation of Data - Data Validation Memorandum - Table II

WHO PCB ANALYSIS					
DQO (list all DQOs)	Sampling and/or Analytical Method Appropriate Yes or No	Measurement Error		Sampling Variability	Potential Usability Issues
		Analytical Error	Sampling Error*		
The following is a summary of the site investigation/assessment objectives as found in Centredale Manor Tasks 19-22 QAPP (5/23/01): To generate data of quality sufficient to be used for human health (HHRA) and ecological risk assessments (ERA) at the site.	Yes, Sampling Method appropriate for all samples Yes, Analytical Method appropriate for all samples.	Refer to qualification in R/S Key on Table I: J[1,2,3,4]	Refer to qualification in R/S Key on Table I: NA	**	One Cambridge Isotope Laboratories (CIL) Standard Reference Material (SRM) sample was evaluated for this SDG (CIL EDF 2526 for Dioxin/Furan and WHO PCB congeners in fish tissue). 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 123478-HxCDD and PCB-118. See page four of the data validation memorandum for details. 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: 12/13/01

Data Summary Table
Dioxin/Furan Analysis - Tissue/Egg Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. ELS Fish Tissue SDG No. 8801
LABORATORY: BATTELLE

SAMPLE NUMBER:	Toxicity Equivalency Factors (1)	YU40COMP + W2030		YU41COMP		W2034		W2035		W2036		W2035E	
STATION LOCATION:		AP-SC-01, AP-SC-02, AP-SC-03		AP-SC-04, AP-SC-05		AP-CC-06		LP-CC-07		LP-CC-08		LP-CC-07EGG	
MATRIX:		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		EGG	
TCDD/TCDF CONC.:		ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*
2,3,7,8-TCDD	1.0	292.09		284.97		299.58		422.44		456.87		339.75	
1,2,3,7,8-PeCDD	0.5	U	0.79	U	0.66	U	0.75	U	0.82	U	0.82	U	2.00
1,2,3,4,7,8-HxCDD	0.1	UJ	0.71	UJ	1.22	UJ	0.63	UJ	0.71	UJ	0.37	UJ	0.86
1,2,3,6,7,8-HxCDD	0.1	U	0.70	U	1.28	U	0.67	U	0.77	U	0.38	U	0.85
1,2,3,7,8,9-HxCDD	0.1	U	0.61	U	1.20	U	0.47	U	0.53	U	0.36	U	0.82
1,2,3,4,6,7,8-HpCDD	0.01	U	0.88	4.88		0.89		0.92		0.53		U	1.20
OCDD	0.001	U	1.03	U	3.32	U	2.64	U	1.44	U	0.87	U	1.26
2,3,7,8-TCDF	0.1	1.31 J		2.44 J		UJ	0.44	2.60 J		1.68 J		2.05 J	
1,2,3,7,8-PeCDF	0.05	U	0.60	U	1.29	U	0.56	U	0.63	U	0.43	U	1.01
2,3,4,7,8-PeCDF	0.5	U	0.66	U	8.38	U	0.61	U	0.70	U	0.63	U	1.46
1,2,3,4,7,8-HxCDF	0.1	U	1.46	U	1.48	U	1.38	U	1.58	U	0.50	U	1.14
1,2,3,6,7,8-HxCDF	0.1	U	1.47	U	1.48	U	1.39	U	1.59	U	0.50	U	1.13
1,2,3,7,8,9-HxCDF	0.1	UJ	0.75	UJ	1.15	UJ	0.70	UJ	0.80	UJ	0.42	UJ	0.95
2,3,4,6,7,8-HxCDF	0.1	U	0.40	U	1.29	U	0.37	U	0.43	U	0.44	U	1.00
1,2,3,4,6,7,8-HpCDF	0.01	U	0.81	U	1.24	U	0.74	U	0.85	U	0.45	U	1.04
1,2,3,4,7,8,9-HpCDF	0.01	UJ	0.88	U	1.32	UJ	0.81	UJ	0.89	U	0.50	U	0.99
OCDF	0.001	U	0.89	3.08		U	0.67	U	0.73	U	0.97	U	2.12
TOTAL TCDD		292.09 J		284.97 J		299.58 J		422.44 J		456.87 J		339.75 J	
TOTAL PeCDD		UJ	1.60	UJ	0.66	UJ	1.51	UJ	1.66	UJ	1.89	UJ	4.59
TOTAL HxCDD		UJ	0.95	4.73 J		UJ	0.88	UJ	1.00	UJ	0.88	UJ	2.00
TOTAL HpCDD		UJ	0.87	8.04 J		1.41 J		0.92 J		0.53 J		UJ	3.19
TOTAL TCDF		1.31 J		2.44 J		UJ	0.82	2.60 J		1.82 J		2.05 J	
TOTAL PeCDF		UJ	1.21	UJ	7.02	0.42 J		UJ	1.28	UJ	1.11	UJ	2.60
TOTAL HxCDF		UJ	0.81	UJ	8.58	0.30 J		1.11 J		0.33 J		UJ	6.72
TOTAL HpCDF		0.34 J		1.46 J		0.73 J		0.12 J		UJ	7.03	UJ	15.23
HCX		U	0.75	U	1.15	U	0.70	U	0.80	U	0.42	U	0.95
TCX		U	0.72	U	1.94	U	0.65	U	0.72	U	0.44	U	0.98
TOXIC EQUIVALENT(1):		292 J		285 J		300 J		423 J		457 J		340 J	
PERCENT SOLIDS:		21.3		22.2		23.9		29.7		23.7		30.3	
PERCENT LIPIDS:		1.6		1.3		1.8		3.9		3.6		13.9	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		04/10/01		04/10/01		04/10/01		04/10/01		04/10/01		04/10/01	
DATE OF RECEIPT:		04/11/01		04/11/01		04/11/01		04/11/01		04/11/01		04/11/01	
SAMPLE EXTRACTION DATE:		04/24/01		04/24/01		04/24/01		04/24/01		04/24/01		04/24/01	
ANALYSIS DATE:		05/17//01		05/17//01		05/17//01		05/17//01		05/17//01		05/17//01	
LAB SAMPLE ID:		48426-36-02		48426-36-03		48426-36-04		48426-36-05		48426-36-15		48426-36-10	

* = 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.
(1) = The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and Dibenzofurans (CDDs and CDFs)" 1989 Update, Part II, Page 13.
Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

Data Summary Table
Polychlorinated Biphenyls Analysis - Tissue/Egg Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. ELS Fish Tissue SDG No. 8601
LABORATORY: BATTELLE

SAMPLE NUMBER:	Toxicity Equivalency Factors (1)	YU40COMP + W2030		YU41COMP		W2034		W2035		W2036		W2035E	
STATION LOCATION:		AP-SC-01, AP-SC-02, AP-SC-03		AP-SC-04, AP-SC-05		AP-CC-06		LP-CC-07		LP-CC-08		LP-CC-07EGG	
MATRIX:		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		EGG	
		ng/kg	DL/EMPC*	ng/kg	DL/EMPC*	ng/kg	DL/EMPC*	ng/kg	DL/EMPC*	ng/kg	DL/EMPC*	ng/kg	DL/EMPC*
3,4,4',5-TetraCB (#81)	0.0005	U	239.14	U	239.21	U	239.23	79.99 J		1569.69		42.61 J	
3,3',4,4'-TetraCB (#77)	0.0001	639.85		719.60		136.46		1035.78		8313.21		823.31	
2',3,4,4',5-PentaCB (#123)	< 0.000005	1412.65		1335.81		784.66		2077.05		9788.57		1270.23	
2,3',4,4',5-PentaCB (#118)	< 0.000005	83799.15 J		85635.49 J		49010.91 J		156788.60 J		513100.40 J		104977.20 J	
2,3,4,4',5-PentaCB (#114)	< 0.000005	976.75		1129.87		671.22		2235.24		6221.18		1764.18	
2,3,3',4,4'-PentaCB (#105)	< 0.000005	18556.09		19063.57		11201.19		32097.75		121520.70 J		24485.45	
3,3',4,4',5-PentaCB (#126)	0.005	765.94		757.67		353.15		1071.47		8658.99		971.63	
2,3',4,4',5,5'-HexaCB (#167)	< 0.000005	3974.55		3870.24		2152.09		7833.41		32883.51 J		4332.86	
2,3,3',4,4',5-HexaCB (#156)	< 0.000005	4973.00 J		4881.17 J		2753.91 J		9454.25 J		40524.63 J		5812.63 J	
2,3,3'4,4',5'-HexaCB (#157)	< 0.000005	4973.00 J		4881.17 J		2753.91 J		9454.25 J		40524.63 J		5812.63 J	
3,3',4,4',5,5'-HexaCB (#169)	0.00005	U	239.14	U	239.21	U	239.23	U	239.53	U	299.83	168.57 J	
2,3,3',4,4',5,5'-HeptaCB (#189)	< 0.000005	306.66		296.43		162.43 J		613.17		6699.62		348.19 J	
TOXIC EQUIVALENCY(1):			4.49 J		4.47 J		2.13 J		6.61 J		48.8 J		5.71 J
PERCENT SOLIDS:			21.3		22.2		23.9		29.7		23.7		30.3
PERCENT LIPIDS:			1.6		1.3		1.8		3.9		3.5		13.9
DILUTION FACTOR:			1		1		1		1		3		1
DATE SAMPLED:			04/10/01		04/10/01		04/10/01		04/10/01		04/10/01		04/10/01
DATE OF RECEIPT:			04/11/01		04/11/01		04/11/01		04/11/01		04/11/01		04/11/01
SAMPLE EXTRACTION DATE:			04/24/01		04/24/01		04/24/01		04/24/01		05/24/01		04/24/01
ANALYSIS DATE:			05/28/01		05/28/01		05/28/01		05/28/01		06/15/01		05/29/01
LABORATORY SAMPLE I.D.:			48426-36-02		48426-36-03		48426-36-04		48426-36-05		48426-65-02		48426-36-10

* = 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.
(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 2, page 780.
Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.
< = The expected upper limit of the TEF values for the congener in fish.

Data Summary Table
Dioxin/Furan Analysis - Tissue/Egg Samples

SITE: Centredale Manor - N. Providence, RI
CASE NO. ELS Fish Tissue SDG No. 8801
LABORATORY: BATTELLE

SAMPLE NUMBER:	Toxicity Equivalency Factors (1)	YU40COMP + W2030		YU41COMP		W2034		W2035		W2036		W2036E	
STATION LOCATION:		AP-SC-01, AP-SC-02, AP-SC-03		AP-SC-04, AP-SC-05		AP-CC-06		LP-CC-07		LP-CC-08		LP-CC-07EGG	
MATRIX:		TISSUE		TISSUE		TISSUE		TISSUE		TISSUE		EGG	
TCDD/TCDF CONC.:		ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*
2,3,7,8-TCDD	1.0	292.09		284.97		299.58		422.44		456.87		339.75	
1,2,3,7,8-PeCDD	1.0	U	0.79	U	0.66	U	0.75	U	0.82	U	0.82	U	2.00
1,2,3,4,7,8-HxCDD	0.5	UJ	0.71	UJ	1.22	UJ	0.63	UJ	0.71	UJ	0.37	UJ	0.86
1,2,3,6,7,8-HxCDD	0.01	U	0.70	U	1.28	U	0.67	U	0.77	U	0.38	U	0.85
1,2,3,7,8,9-HxCDD	0.01	U	0.51	U	1.20	U	0.47	U	0.53	U	0.36	U	0.82
1,2,3,4,6,7,8-HpCDD	0.001	U	0.88	4.88		0.89		0.92		0.53		U	1.20
OCDD	< 0.0001	U	1.03	U	3.32	U	2.54	U	1.44	U	0.87	U	1.26
2,3,7,8-TCDF	0.05	1.31 J		2.44 J		UJ	0.44	2.60 J		1.68 J		2.05 J	
1,2,3,7,8-PeCDF	0.05	U	0.60	U	1.29	U	0.56	U	0.63	U	0.43	U	1.01
2,3,4,7,8-PeCDF	0.5	U	0.66	U	8.38	U	0.61	U	0.70	U	0.63	U	1.46
1,2,3,4,7,8-HxCDF	0.1	U	1.46	U	1.48	U	1.38	U	1.58	U	0.50	U	1.14
1,2,3,6,7,8-HxCDF	0.1	U	1.47	U	1.48	U	1.39	U	1.59	U	0.50	U	1.13
1,2,3,7,8,9-HxCDF	0.1	UJ	0.75	UJ	1.15	UJ	0.70	UJ	0.80	UJ	0.42	UJ	0.95
2,3,4,6,7,8-HxCDF	0.1	U	0.40	U	1.29	U	0.37	U	0.43	U	0.44	U	1.00
1,2,3,4,6,7,8-HpCDF	0.01	U	0.81	U	1.24	U	0.74	U	0.85	U	0.45	U	1.04
1,2,3,4,7,8,9-HpCDF	0.01	UJ	0.88	U	1.32	UJ	0.81	UJ	0.89	U	0.50	U	0.99
OCDF	< 0.0001	U	0.69	3.08		U	0.67	U	0.73	U	0.97	U	2.12
TOTAL TCDD		292.09 J		284.97 J		299.58 J		422.44 J		456.87 J		339.75 J	
TOTAL PeCDD		UJ	1.60	UJ	0.66	UJ	1.51	UJ	1.66	UJ	1.89	UJ	4.59
TOTAL HxCDD		UJ	0.95	4.73 J		UJ	0.88	UJ	1.00	UJ	0.88	UJ	2.00
TOTAL HpCDD		UJ	0.87	8.04 J		1.41 J		0.92 J		0.53 J		UJ	3.19
TOTAL TCDF		1.31 J		2.44 J		UJ	0.82	2.60 J		1.82 J		2.05 J	
TOTAL PeCDF		UJ	1.21	UJ	7.02	0.42 J		UJ	1.28	UJ	1.11	UJ	2.60
TOTAL HxCDF		UJ	0.81	UJ	8.56	0.30 J		1.11 J		0.33 J		UJ	6.72
TOTAL HpCDF		0.34 J		1.45 J		0.73 J		0.12 J		UJ	7.03	UJ	15.23
HCX		U	0.75	U	1.15	U	0.70	U	0.80	U	0.42	U	0.95
TCX		U	0.72	U	1.94	U	0.65	U	0.72	U	0.44	U	0.98
TOXIC EQUIVALENT(1):		292 J		286 J		300 J		423 J		457 J		340 J	
PERCENT SOLIDS:		21.3		22.2		23.9		29.7		23.7		30.3	
PERCENT LIPIDS:		1.6		1.3		1.8		3.9		3.5		13.9	
DILUTION FACTOR:		1.0		1.0		1.0		1.0		1.0		1.0	
DATE SAMPLED:		04/10/01		04/10/01		04/10/01		04/10/01		04/10/01		04/10/01	
DATE OF RECEIPT:		04/11/01		04/11/01		04/11/01		04/11/01		04/11/01		04/11/01	
SAMPLE EXTRACTION DATE:		04/24/01		04/24/01		04/24/01		04/24/01		04/24/01		04/24/01	
ANALYSIS DATE:		05/17//01		05/17//01		05/17//01		05/17//01		05/17//01		05/17//01	
LAB SAMPLE ID:		48426-36-02		48426-36-03		48426-36-04		48426-36-05		48426-36-15		48426-36-10	

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The EMPC values are not qualified with a "J", since they are already estimated.
(1) The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106, Number (12), December 1998, Table 2, page 780.
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